

HIKVISION®

QUICK GUIDE FOR

PROJECT-ORIENTED PREMIUM PRODUCTS

2024

ABOUT HIKVISION

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT.

R&D Investment



12.75%
annual revenue
invested in R&D



Almost **1/2**
R&D engineers among
58,000+
employees worldwide



10,000+
Patents



Abundant Product & Solution Offerings

We develop more than **30,000** hardware products and more than **200** software products with leading technologies, such as:



Video & Imaging Technology



Multidimensional Perception



Artificial Intelligence

SECURING A SMARTER FUTURE

At the forefront of security innovation, Hikvision aims to lay the foundation for a future that is not only safer, but also more intelligent for every user.



Advancing with integrated technologies

Hikvision is expanding from mere vision to multidimensional perception and empowers its full range of products with AI analytics for enhanced security and efficiency.

By seamlessly integrating cutting-edge technologies such as audio & video linkage and multi-lens synergy, Hikvision sets a new standard in security intelligence.



Innovating through converged applications

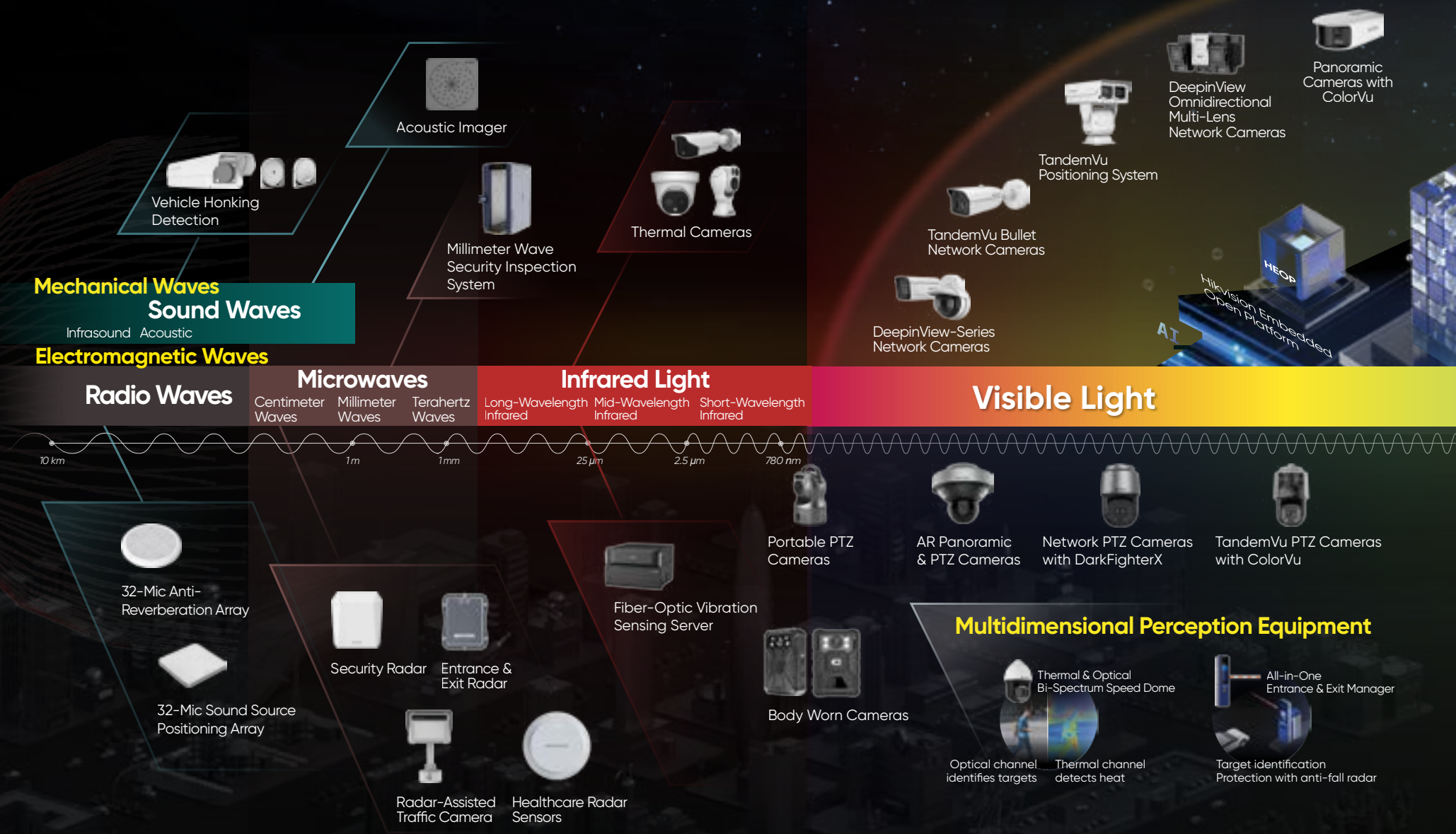
Hikvision transforms from standalone products to integrated systems, providing one-stop solutions managed through its Hik-Partner Pro, Hik-Connect, and HikCentral Professional platforms.

These solutions enable and converge intelligent applications to streamline secure and smart operations across industries.

HIKVISION AIOT TECHNOLOGIES

Intelligent Perception Powered by AI

Perceive the physical world in full spectrum, expanding awareness from various dimensions in various scenarios.





Multidirectional PanoVu Cameras



Self-Cleaning Cameras



Dual-Lens People Counting Cameras



MinMoe Face Recognition



Video Intercom

Hikvision AI Open Platform

AI +



Explosion-proof Series Cameras



Ultra-low Temperature Cameras



Underwater Network Cameras



Polymer Anti-Corrosion Cameras



Solar-powered Camera Setups

Varied Environments

Visible Light

Ultraviolet Light

X-Ray

Gamma Ray

Long-Wavelength Ultraviolet Mid-Wavelength Ultraviolet Short-Wavelength Ultraviolet Extreme Ultraviolet

390 nm

10 nm

0.01 nm



Network PTZ Cameras with IR



Network PTZ Cameras with IR



Mobile Cameras for Automatic Number Plate Recognition



Mobile Cameras with Driver Status Monitoring



Water-Level Detection PTZ with Radar

Delivers water-level data and video from the monitored site



Displacement Detection PTZ Camera



Monitors displacement of infrastructures such as dams and bridges



Gantry Crane Fixed-Lens Camera



Enhances safety in challenging operational environments



X-Ray Industrial Inspection Equipment



X-Ray Food Inspection Equipment



Intelligent Security Check System

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CAMERAS WITH **DARKFIGHTER 2.0**

Sharper motion in any light



DeepinView-Series Cameras
Ultra-Series Cameras
DF-Line PTZ Cameras

Note: Only specific models of these camera series support DarkFighter 2.0.



Low-Light Imaging



AI-ISP Noise Reduction



Multi-Speed Capture



Ultra-High Frame Rate



Auto Wide Dynamic Range



Multi-Object-Type Detection

Identifies object features and performs cross-line counting by object type



Queue Management

Automates the detection of people number and wait times in a queue



Perimeter Protection

Focuses on movements of persons and vehicles only, with greatly reduced false alarms



People Counting

Tracks the number of visitors excluding repetitive entries and displays the store visitor to total customer ratio



More AI Functions

Helps users customize AI algorithms for their unique needs such as hard-hat detection & other PPE detection



DEEPINVIEW SERIES CAMERAS



Switchable AI functions, versatile performance

With multiple deep learning algorithms in one camera, up to **two algorithms can be enabled or scheduled at a time** for dedicated use and later switched to another pair as needed.

TPM 2.0



Select models are protected by TPM 2.0 and/or certified by CC

Facial Recognition

Allows for wide-angle capturing and feature identification. Authorized facial recognition helps ensure personal and/or asset safety



ANPR*

Identifies license plate numbers with $\geq 98\%$ recognition accuracy



Parking Space Management*

Offers two alternative modes for close-up or distant view for detecting parking spaces




*Only certain models of DeepinView cameras support the ANPR or Parking Space Management function.

ULTRA-SERIES CAMERAS

More Intelligence,
Sharper Night Vision

IR  White light

DarkFighter 

Surprising Low-Light Imaging

F1.0 fixed lens and advanced sensor ensure excellent color reproduction in low light.

Smart Hybrid Light

Three lighting modes offer color, black & white, or motion-triggered color imaging to suit virtually any need in any setting.

Super Confocal Technology

Guarantees equally sharp night vision in IR or visible light, leading the industry by achieving a delicate & complex confocal effect with an F1.0 large-aperture lens.

DarkFighterS Technology



DS-2CD3XX6G2H MODELS



Intelligence for Various Scenarios



Running Third-Party Algorithms



Cardboard Packaging Inside and Out



Biodegradable
Polylactide Bags



Incorporating Sustainable Practices



NETWORK CAMERAS – DeepinView Series

7-Line Multi-Intelligence (Varifocal Lens)



IDS-2CD7Ax7G2-XZHS(Y)

- 4/8 MP@60 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD7Ax6G2-IZHS(Y)(1T)/(5G)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models
- (1T): built-in 1 TB SSD (4 MP models only); /5G: Support 5G connection



IDS-2CD75x6G2-XZHS(Y)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD71x6G2-IZ(HS)(Y)(1T)

- 4/8 MP@60 fps, or 12 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models
- (1T): built-in 1 TB SSD (4 MP models only)



IDS-2CD7Ax7G0-XZHS(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD7Ax6G0-IZHS(Y)

- 2/4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1/1 Audio I/O, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD75x7G0-XZHS(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD71x6G0-IZ(HS)(Y)

- 4 MP@60 fps, or 8 MP@30 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD7046G2/E-IHSY(R)

- 4/8 MP@60 fps, or 12 MP@30 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- HEOP, AIOP, 8-in-1 intelligence, simultaneous dual AI
- G-Sensor, TPM 2.0, Power Meter
- 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out, without -R: 1/1 Audio I/O
- IP66, IK10, NEMA 4X, PVC FREE, EN50121-4 for -R models



IDS-2CD7046G0/E-IHSY(R)(F11)

- 4 MP@60 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out, without -R: 1/1 Audio I/O; with /F11: 1 LC fiber optical interface
- IP66, IK10, PVC FREE, EN50121-4 for -R models, NEMA 4X for -Y models



IDS-2CD7A46G2-IZHS(Y)(6-132mm)

- 4 MP@60 fps, 6-132 mm motor lens, 22x optical zoom
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- 8-in-1 intelligence, support AIOP, HEOP
- G-Sensor, TPM 2.0, Power Meter, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



IDS-2CD7A45G0-IZ(HS)(Y)(4.7-118mm)

- 4 MP@60 fps, 4.7-118 mm motor lens, 25x optical zoom
- 1/2.5" sensor, P-Iris
- 140 dB WDR
- 8-in-1 intelligence, support AIOP
- G-Sensor, TPM 2.0, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models

7-Line Perimeter Protection with Large Model



IDS-2CD7Ax6G2/V-IZHS(Y)

- 4/8 MP@60 fps, 1/1.8" sensor, 2.8-12 mm motor lens
- Perimeter protection with large model algorithm
- Reduce false alarms by 80% based on AcuSense
- Support perimeter combined event
- Advanced Perimeter Configurations
- TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models

NETWORK CAMERAS – DeepinView Series

7-Line Multi-Intelligence (Fixed Lens)



IDS-2CD7Tx760-XHS(Y)

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 3/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, NEMA 4X for -Y models



IDS-2CD7Dx760-XS

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 RS-485, 12V DC Power Out
- IP67, IK10



IDS-2CD73x760-XS

- 4/8 MP@60 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0, smart hybrid light
- 140 dB WDR
- 5-in-1 intelligence, support HEOP
- G-Sensor
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 RS-485, 12V DC Power Out
- IP67

7-Line ANPR



IDS-2CD7Ax762/P-IZHS(Y)

- 4/8 MP@60 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- ANPR / Perimeter Protection
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out, -Y: 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD7A4760/P-XZHS(Y)

- 4 MP@60 fps, 2.8-12 mm motor lens
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD75x662/P-XZHS(Y)

- 4/8 MP@60 fps, 2.8-12 mm/8-32 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- DF 2.0 SharpMotion, ShotN, AWDR
- ANPR/Perimeter Protection
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in 2 Mics & 1 Speaker, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD7Ax662/P-IZHS(Y)(/5G)

- 4/8 MP@60 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- ANPR/Perimeter Protection
- G-Sensor, TPM 2.0, Power Meter
- 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1/1 Audio I/O, 1 RS-485, 12V DC Power Out, 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models
- /5G: Support 5G connection



IDS-2CD7Ax660/P-IZHS(Y)

- 2/4 MP@60 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- G-Sensor, TPM 2.0
- 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1/1 Audio I/O, 1 RS-485, 12V DC Power Out, 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD75x660/P-XZHS(Y)

- 4 MP@60 fps, 2.8-12 mm motor lens, PTRZ
- 1/1.8" sensor, P-Iris, F1.0, smart hybrid light
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 1/1 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out, Built-in 2 Mics & 1 Speaker, 1 Wiegand
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD70x662/EP-IHSY(R)

- 4/8 MP@60 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- DF 2.0 SharpMotion, ShotN, AWDR
- ANPR/Perimeter Protection
- G-Sensor, TPM 2.0, Power Meter
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP66, IK10, NEMA 4X, PVC FREE, EN50121-4 for -R models



IDS-2CD70x660/EP-IHSY(R)

- 2/4 MP@60 fps, 3.8-16 mm/11-40 mm motor lens
- 1/1.8" sensor, P-Iris
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 RS-485, 12V DC Power Out, 1 CVBS Video Out
- IP66, IK10, PVC FREE, NEMA 4X for -Y models



IDS-2CD7A4560/P-IZHS(Y)(4.7-118mm)

- 4 MP@60 fps, 4.7-118 mm motor lens, 25x optical zoom
- 1/2.5" sensor, P-Iris
- 140 dB WDR
- ANPR/Parking Management/Perimeter Protection
- G-Sensor, TPM 2.0, built-in gyroscope image stabilization
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, -Y: 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models

NETWORK CAMERAS – DeepinView Series

8-Line Special Models



IDS-2CD8A4862-XZHS(Y)

- 2-ch 4 MP@30 fps
- 15-45 mm DarkFighterX motor lens + 4 mm F1.0 fixed lens
- Dual 1/1.8" sensors, smart hybrid light
- P-Iris, 140 dB WDR
- DF 2.0 SharpMotion, ShotN
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



IDS-2CD8A4860-XZ(H)S(Y)

- 2-ch 4 MP@30 fps
- 5-20 mm DarkFighterX motor lens + 4 mm F1.0 fixed lens
- Dual 1/1.8" sensors, smart hybrid light
- P-Iris, 140 dB WDR
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD844760/B-RS

- 4 MP@30 fps
- 2-lens stereo deep learning + 1-lens panoramic view
- 1/1.8" sensor + Dual 1/2.7" sensors
- 10-in-1 activity analysis intelligence
- Built-in 2 Mics & 1 Speaker



IDS-2CD8Ax662-XZHS(Y)

- 4 MP@60 fps + 4 MP@30 fps/8 MP@24 fps + 4 MP@30 fps
- 8A46: 8-32 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A86: 10-50 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A46: Dual 1/1.8" sensors, 8A86: 1/1.2" sensor + 1/1.8" sensor
- P-Iris, smart hybrid light, 140 dB WDR
- DF 2.0 SharpMotion, ShotN
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- TPM 2.0
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, PVC FREE, NEMA 4X for -Y models



IDS-2CD8Ax660-XZ(H)S(Y)

- 4 MP@60 fps + 4 MP@30 fps/8 MP@24 fps + 4 MP@30 fps
- 8A46: 8-32 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A86: 10-50 mm DarkFighter motor lens + 4 mm F1.0 fixed lens;
- 8A46: Dual 1/1.8" sensors, 8A86: 1/1.2" sensor + 1/1.8" sensor
- P-Iris, smart hybrid light, 140 dB WDR
- 6-in-1 intelligence on CH-1; Perimeter Protection on CH-2
- 1/1 Audio I/O, 2/2 Alarm I/O, 1 CVBS Video Out, 1 RS-485, 12V DC Power Out
- IP67, IK10, EN50121-4, PVC FREE, NEMA 4X for -Y models



IDS-2CD8A4660-IZ/UH

- 4 MP@30 fps, 2.8-12 mm motor lens
- -60° C low-temperature startup and operating
- 1/1.8" sensor
- 140 dB WDR
- Perimeter Protection, support AIOF
- IP67, IK10 (excluding glass window)



IDS-2CD8Vxx660/X2-XZHS(Y)

- 4/8 MP@30 fps, 2 lenses, motorized PT adjustment
- Two 10-50 mm VF lenses
- Dual 1/1.8" sensors
- 140 dB WDR, smart hybrid light
- 5-in-1 intelligence, support AIOF
- DF 2.0 SharpMotion, ShotN
- TPM 2.0
- IP67, PVC FREE, NEMA 4X for -Y models



IDS-2CD8Vxx660/X4-XZHS(Y)

- 4/8 MP@30 fps, 4 lenses, motorized PT adjustment
- Two 10-50 mm VF lenses + two 4 mm F1.0 fixed lenses
- 1/1.2" sensor for IDS-2CD8V88660/X4, 1/1.8" sensor for IDS-2CD8V44660/X4
- 140 dB WDR, smart hybrid light
- 5-in-1 intelligence, support AIOF
- DF 2.0 SharpMotion, ShotN
- TPM 2.0
- IP67, PVC FREE, NEMA 4X for -Y models



IDS-2CD8A4660/SC-XZY

- 4 MP@60 fps, 2.8-12 mm/8-32 mm motor lens
- 1/1.8" sensor, smart hybrid light
- 2L tank, auto/scheduled wiper & spray self-cleaning
- 140 dB WDR
- 5-in-1 intelligence
- TPM 2.0
- IP67, PVC FREE, NEMA 4X

NETWORK CAMERAS – Ultra Series

X6 Line



DarkFighter⁺ HEOP AcuSense

DS-2CD36x6G2HT-LIZS(Y)

- 4/8 MP@30 fps, 2.7-13.5 mm motorized lens
- F1.2, 1/1.8" Sensor
- Auto Iris, 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, DC 12V Power Out
- IP67, IK10, NEMA 4X for -Y models



DarkFighter⁺ HEOP AcuSense

DS-2CD37x6G2HT-LIZSU(Y)

- 4/8 MP@30 fps, 2.7-13.5 mm motorized lens
- F1.2, 1/1.8" Sensor
- Auto Iris, 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in Mic, DC 12V Power Out
- IP67, IK10, NEMA 4X for -Y models



DarkFighter⁺ HEOP AcuSense

DS-2CD30x6G2H-LI(U)

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0 for 6/8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- Built-in Mic for -U models
- IP67



DarkFighter⁺ HEOP AcuSense

DS-2CD31x6G2H-LIS(U)

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0 for 6/8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in Mic for -U models, DC 12V Power Out
- IP67, IK10



DarkFighter⁺ HEOP AcuSense

DS-2CD33x6G2H-LIS(U)

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor, F1.0 for 6/8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in Mic for -U models, DC 12V Power Out
- IP67



DarkFighter⁺ HEOP AcuSense

DS-2CD3Tx6G2H-LIS(U)(Y)

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1/1.8" sensor for 6/8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in Mic for -U models, DC 12V Power Out
- IP67, NEMA 4X for -Y models



DarkFighter⁺ HEOP AcuSense

DS-2CD33x6G2H-LISU/SL

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- F1.0, 1/1.8" sensor for 8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O, Built-in Mic & Speaker, DC 12V Power Out
- Strobe light and audio alarm
- IP67



DarkFighter⁺ HEOP AcuSense

DS-2CD3Tx6G2H-LISU/SL

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- F1.0, 1/1.8" sensor for 8 MP models
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, Built-in Mic & Speaker, DC 12V Power Out
- Strobe light and audio alarm
- IP67

3-Line Special Models



NEW

HEOP AcuSense

DS-2CD37x6G2H(T)-LIZSU(/SL)(Y)(PTRZ)

- 4/8 MP@30 fps, 2.7-13.5 mm motorized lens
- PTRZ 1-step onsite installation
- 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, DC 12V Power Out, -U: Built-in Mic
- /SL: strobe light and audio alarm
- IK10, IP66 for G2H models, IP67 for G2HT models, NEMA 4X for -Y models



NEW

HEOP AcuSense

DS-2CD3746G2HT-LIZSU(Y)(256G/1T)

- 4 MP@30 fps, 2.7-13.5 mm/7-35 mm motorized lens
- (256G): built-in 256 GB SSD; (1T): built-in 1 TB SSD;
- Auto Iris, 130 dB WDR, smart hybrid light
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 2/2 Alarm I/O, DC 12V Power Out, -U: Built-in Mic
- IP67, IK10, NEMA 4X for -Y models



NEW

HEOP AcuSense

DS-2CD31x6G2-IMS

- 4/8 MP@30 fps, 2.8/4 mm fixed lens
- 1 type D HDMI interface (female plug) (720p@50 fps/60 fps, 1080p@25 fps/30 fps/50 fps/60 fps, HDMI version 1.4)
- 130 dB WDR
- AcuSense/Face Capture/People Counting, support Learn-by-example, support HEOP
- 1/1 Audio I/O, 1/1 Alarm I/O
- IK10



NEW

HEOP AcuSense

DS-2CD3A46G2T-IZHS

- 4 MP@30 fps, 5-50 mm motorized lens
- 1/1.8" sensor, 100 m IR
- 120 dB WDR
- AcuSense, support Learn-by-example
- 1/1 Audio I/O, 2/2 Alarm I/O
- IP67, IK10



NEW

HEOP AcuSense

DS-2CD3A26G2T-IZS

- 2 MP@60 fps, 4.7-71 mm motorized lens
- 1/2.8" sensor, 150 m IR
- 120 dB WDR
- AcuSense/Face Capture
- 1/1 Audio I/O, 2/2 Alarm I/O
- IP67, IK10

PTZ CAMERAS

DF-Line PTZ Cameras



Smaller, Lighter, Stronger

- Compact, lightweight designs simplify installation
- Sharper motion in any light with DarkFighter 2.0
- OIS/GIS image stabilization in vibrating environments
- Dual-track slip ring design and Smart Pan-tilt Correction

See Further and Faster

- Optical zoom from 25x to 60x, with lighting distances up to 800 m
- Panning at up to 700°/s for swift event response

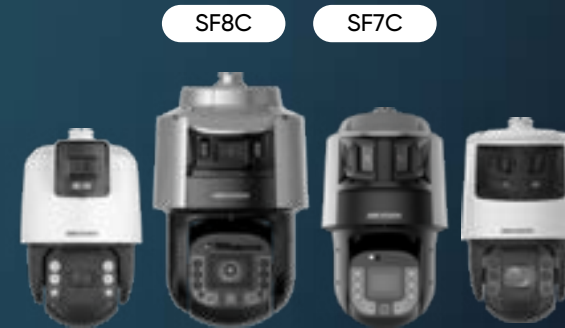
A Variety of Intelligent Functions

- Classified object detection and tracking
- Detection of license plates, water level, and infrastructure displacement
- Running algorithms customized via AI Open Platform (AIOP)

Assured Security

- TPM, FIPS 140-2 validated cryptographic module

Hikvision TandemVu PTZ Cameras



One Instead of Many

One camera provides benefits equivalent to multiple cameras. Enjoy the one-time installation and use only one IP address.

Big Picture and Details in One View

Getting the big picture of the scene while securing every detail. At the same time. All the time.

Smart Linkage of Two Video Channels

Automatic object detection via the panoramic channel will trigger instant tracking via the PTZ channel.

A Variety of Intelligent Functions

Providing AI functions including perimeter protection, facial recognition, ANPR, and traffic violation detection.

NETWORK CAMERAS – PTZ Cameras

Pro Series



TandemVu

DS-2SE4C425MWG-E(14F0)

- Panoramic: 4 MP@25/30 fps, 1/3" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/2.8" sensor, 25x optical zoom
- 30 m white light, 100 m IR
- 120 dB WDR, EIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage
- IP66



DS-2DE4A225IWG-E

- 2 MP@50/60 fps, 1/2.8" sensor, 25x optical zoom
- 50 m IR
- 120 dB WDR, EIS
- 360° pan, -5° to 90° tilt
- Smart events, face capture, crowd density detection
- Auto tracking 2.0
- IP66



DS-2DE4425IW-DE

- 4 MP@25/30 fps, 1/2.8" sensor, 25x optical zoom
- 100 m IR
- 120 dB WDR, EIS
- 360° pan, -15° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66



TandemVu

DS-2SE7C432MW-AEB(14F1)

- Panoramic: 4 MP@25/30 fps, 1/1.8" sensor, 4 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 30 m white light, 200 m IR
- 120 dB WDR, GIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage, auto tracking 3.0
- IP66, IK10



TandemVu

DS-2SE7C432MWG-EB/26(F0)

- Panoramic: 180° 6 MP@25/30 fps, 1/1.8" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 30 m white light, 200 m IR
- 120 dB WDR, GIS
- PTZ: 360° pan, -15° to 90° tilt
- Smart events, face capture
- Smart linkage, auto tracking 2.0
- IP66



DS-2DE7A432IWG-EB

- 4 MP@25/30 fps, 1/1.8" sensor, 32x optical zoom
- 200 m IR
- 120 dB WDR, EIS
- Pan: 360°, tilt: -15° to 90°
- Smart events, face capture
- Auto tracking 2.0
- IP66, IK10



DS-2DE7A432MWG-EB

- 4 MP@25/30 fps, 1/2.8" sensor, 32x optical zoom
- 100 m white light, 150 m IR
- 120 dB WDR, EIS
- Pan: 360°, tilt: -15° to 90°
- Smart events
- Auto tracking 2.0
- IP66, IK10

Ultra Series



DarkFighter
TandemVu

DS-2SF8C442MXS-DL(14F1)

- Panoramic: 4 MP@25/30 fps, 1/1.8" sensor, 4 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 30 m white light, 300 m IR
- 120 dB WDR, GIS
- Panoramic: 7° to 17° tilt
- PTZ: 360° pan, -20° to 90° tilt
- Smart events, face comparison, ANPR, traffic violation detection
- Smart linkage, auto tracking 3.0
- IP67, IK10



DarkFighter
TandemVu

DS-2SF8C442MXG-ELW/26(F0)

- Panoramic: 190° 6 MP@25/30 fps, 1/1.8" sensor, 2.8 mm
- PTZ: 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 30 m white light, 300 m IR
- 120 dB WDR, GIS
- Panoramic: 12° to 24° tilt
- PTZ: 360° pan, -20° to 90° tilt
- Smart events, face comparison, ANPR, traffic violation detection
- Smart linkage, auto tracking 3.0
- IP67, IK10



DarkFighter
NEW

DS-2DF7A425IXG-EL(Y)

- 4 MP@50/60 fps, 1/1.8" sensor, 25x optical zoom
- 300 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face capture
- Auto tracking 2.0
- IP67, IK10



DarkFighter
NEW

DS-2DF7A836IXG-EL(Y)

- 8 MP@50/60 fps, 1/1.8" sensor, 36x optical zoom
- 300 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face capture
- Auto tracking 2.0
- IP67, IK10



DarkFighter

DS-2DF8C260I5XG-ELW

- 2 MP@25/30 fps, 1/1.2" sensor, 60x optical zoom
- 500 m laser
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



DarkFighter

DS-2DF8C442IXG-ELW

- 4 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 400 m IR
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



DarkFighter

DS-2DF8C435MHS-DELW

- 4 MP@25/30 fps, dual 1/1.8" sensors, 35x optical zoom
- 300 m IR, hybrid light
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10, auto wiper



DarkFighter

DS-2DF8225IX-AEL(T5)

- 2 MP@25/30 fps, 1/1.8" sensor, 25x optical zoom
- 400 m IR
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, IK10



DarkFighter

DS-2DF8242I5XG-ELW

- 2 MP@25/30 fps, 1/1.8" sensor, 42x optical zoom
- 500 m laser
- 140 dB WDR, GIS
- 360° pan, -20° to 90° tilt
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP66, auto wiper



DarkFighter

DS-2DF9C848LXG-LW

- 8 MP@25/24 fps, 1/1.2" sensor, 48x optical zoom
- 800 m laser
- 140 dB WDR, OIS
- 360° pan, -20° to 90° tilt, smart pan-tilt correction
- Smart events, face comparison, vehicle detection
- Auto tracking 3.0
- IP67, auto wiper

Special Series



ColorVu

DS-2DF3C400SCG-D(/4G)/WL40(F1)

- 4 MP@25/30 fps, 1/1.8" sensor, 4 mm
- 30 m white light
- 120 dB WDR
- 0° to 340° pan, -20° to 90° tilt
- Water level detection within a 40 m range by radar
- /4G: 4G wireless connection
- IP67



DarkFighter

DS-2DY5225IX-AE

- 2 MP@25/30 fps, 1/1.8" sensor, 25x optical zoom
- 250 m IR
- 120 dB WDR, EIS
- 360° pan, -90° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66



DarkFighter

DS-2DY9250IAX-A(T5)

- 2 MP@25/30 fps, 1/1.8" sensor, 50x optical zoom
- 1000 m laser
- 140 dB WDR, GIS
- 360° pan, -40° to 90° tilt
- Smart events, face capture
- Auto tracking 2.0
- IP66

PANORAMIC CAMERAS

Fisheye Cameras

Panoramic view in small-scale scenarios

DS-2CD63x5G1-IVS
DS-2CD63x5G1-S/RC
DS-2CD6W65G1-IVS



- Crisp images with more effective pixels and fewer black edges
- Clear audio with four built-in mics
- More intelligent functions to suit varied needs
- Quick assembly saves installation time

Multidirectional PanoVu Cameras

360° coverage in medium-scale scenarios

DS-2CD6D54G2-IZHS (4-lens)
DS-2CD6D55G2-IZHS (5-lens)



- 360° coverage with up to five lenses
- Remote PTRZ lens adjustment
- Multi-channel false alarm reduction
- One-cable installation & one-IP configuration

Panoramic & PTZ Cameras

All-around protection in large-scale scenarios

DS-2DP8A845IXG-LF/864(F0)
DS-2DP8A845IXG-LF/432(F0)
DS-2DP8A440IXG-LEF/624(F0)
DS-2CD6984G0-IHSY



- Capture up to 64 MP 360° panoramas and zoom up to 45 times with the PTZ lens
- Benefit from an anti-corrosion coating on select image-stitching 180° PanoVu camera models
- Get a bird's-eye view of the site via the AR live map and click on specific locations for more details as you track through picture-in-picture mode

SOLAR-POWERED SECURITY CAMERA SETUPS

Flexible security,
sustainable power

Tailored to diverse needs

Our offerings include dual-detection cameras, PT cameras, varifocal bullet cameras, varifocal ANPR cameras, various forms of PTZs, and even solar power kit

Working totally wirelessly

24/7 protection extended far away from power supplies and Ethernet cables

Optimized power utilization

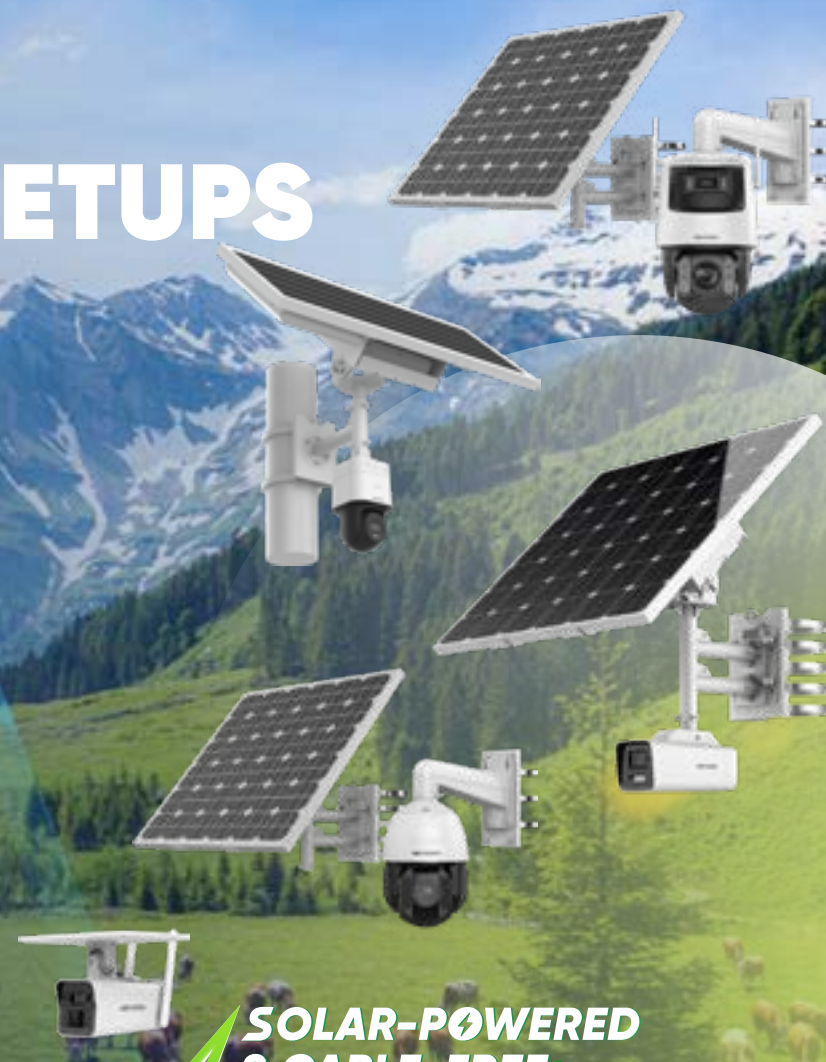
Rest assured about the power supply with low power consumption and reliable battery performance

Easy and flexible deployment

Wireless, all-in-one design enables ultra-convenient deployment

Reliable in virtually any weather

Built sturdy and stable to resist rain, wind, and corrosion



**SOLAR-POWERED
& CABLE-FREE**

- UNLIMITED SECURITY!

Hikvision Integrated Solar-Powered Security Solution

An **off-the-shelf solution**
is readily available!

EXPLOSION-PROOF & ANTI-CORROSION CAMERAS

Explosion-Proof Cameras

Designed and Crafted for Special Needs

Hikvision's explosion-proof cameras are designed with robust housings and unique features that ensure their safety, even in the harshest environments.

Abundant housing material options

Various housing materials, including 316L and 304 stainless steel and aluminum alloy, are available to fit specific needs.

Complete protection, inside and out

Accessories like brackets, flexible conduits, and terminal boxes are also explosion-proof. All these cameras are certified to ATEX and IECEx standards.

Excellent low-light imaging plus intelligent functions

DarkFighter technology ensures great images in low light, while deep learning functions such as hard hat detection and perimeter protection enable intelligent applications on select camera models.

Anti-Corrosion Cameras

Next-level endurance & performance

Hikvision's anti-corrosion cameras are protected by corrosion-resistant materials and designs to withstand harsh marine or industrial environments.

Next-gen material for next-level performance

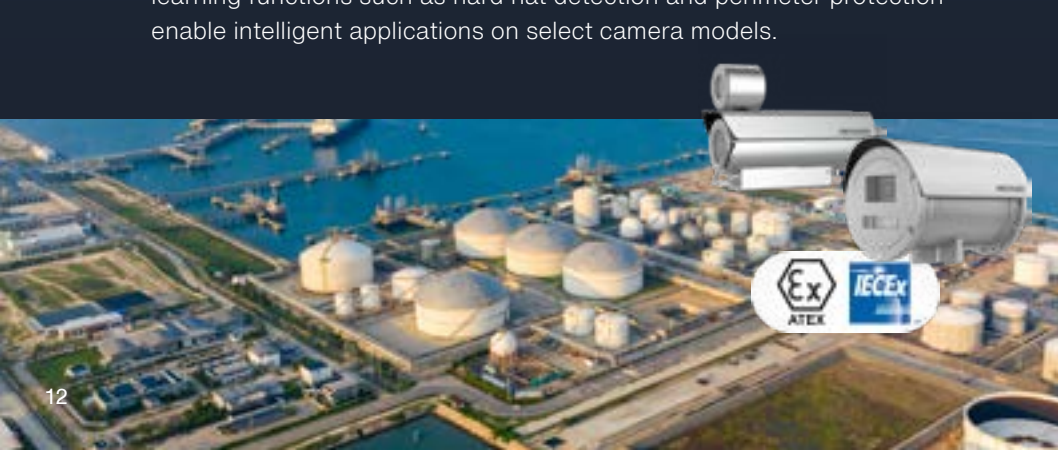
Our latest offerings feature a reinforced polyamide to resist corrosion while providing an excellent strength/weight ratio and ease of use.

All-around ruggedness, certified

All these cameras are certified to C5-M & NEMA 4X standards. Select models have both corrosion-resistant housings and accessories.

Excellent imaging, flexible intelligence

Enjoy perfect low-light imaging, AI person and vehicle detection, and compatibility with third-party or user-defined applications on select camera models.



HIGH-TEMPERATURE & ULTRA-LOW-TEMPERATURE CAMERAS

Water-Cooling Camera Models

DS-2XT6645G0-LIZS/C25
DS-2XT6685G0-LIZS/C25



250°C

150°C

Air-Cooling Camera Models

DS-2XT6645G0-LIZS/C15



High -Temperature Cameras

85°C

Semiconductor-Cooling Camera Models

DS-2XT6445G2-L/C08



Ultra- Low -Temperature Cameras



-60°C

iDS-2CD8A46G0-IZ/UH

Crisp details at long distances with excellent low-light imaging

Reliable performance despite high temperatures, dust, and corrosion

Operating 24/7 in high-temperature environments

Starting up and operating at -60° C, maintaining safety in freezing environments

Multiple heaters for key components and slowed-down heat dissipation

Lens window heater to help remove ice and mist

NETWORK CAMERAS – Dedicated Series

Panoramic Cameras



DS-2CD3956G2-ISU

- 180° FOV, 5 MP (2560×1920)@30 fps
- Support heat map and people counting
- Privacy mask
- Support HEOP
- One built-in microphone



DS-2CD6W65G1-IVS

- 360° FOV, 6 MP@30 fps
- 20 dewarping modes
- Four deep learning functions
- Motorized lens cover, privacy mask
- Support HEOP, SIP
- IP67, IK10



DS-2CD63C5G1-S/RC

- 360° FOV, 12 MP@30 fps, 1:1 ratio (3504×3504)
- 20 dewarping modes
- Four deep learning functions
- Privacy mask
- Four built-in microphones
- Support HEOP, SIP
- Support embedded ceiling mount



DS-2CD63C5G1-IVS

- 360° FOV, 12 MP@30 fps, 1:1 ratio (3504×3504)
- 20 dewarping modes
- Four deep learning functions
- Privacy mask
- Two-way audio, four built-in microphones, one built-in speaker
- Support HEOP, SIP
- IP67, IK10



DS-2CD3T87G2P-LSU/SL

- 8 MP@20 fps
- 180° stitching image
- ColorVu, F1.0 super aperture
- AcuSense, smart events
- Strobe light and audio alarm
- IP67



DS-2CD6D44G1-IZS

- 4×4 MP@30 fps
- Four adjustable lenses cover up to 360° FOV
- Manual lens adjustment, pan: 0° to 350°, tilt: 10° to 90°, rotate: 0° to 350°, zoom: 2.8-8 mm
- IP67, IK10



DS-2CD6D55G2-IZHS

- 4×5 MP@30 fps + 2 MP@30 fps
- PTRZ remote lens adjustment, pan: 0° to 350°, tilt: 0° to 90°, rotate: -90° to 90°, zoom: 2.8-8 mm
- Four channels support AcuSense
- IP67, IK10, NEMA 4X



DS-2CD6984G0-IHSY

- 32 MP@30 fps
- FOV: horizontal 180°, vertical 95°
- 180° stitching panoramic image
- Support AR function based on professional platform
- IP67, IK10, NEMA 4X



DS-2DP8A440IXG-LF/864(F0)

- Panoramic: 64 MP@30 fps, 2×180° FOV
- PTZ: 8 MP@25 fps, 45x optical zoom
- Panoramic channel with 180° stitching image
- 500 m IR supplemental light
- Support AR function based on professional platform
- IP67



DS-2DP8A440IXG-LF/832(F0)(B)

- Panoramic: 32 MP@30 fps, 2×180° FOV
- PTZ: 4 MP@25 fps, 40x optical zoom
- Panoramic channel with 180° splicing image
- 500 m IR supplemental light
- Support AR function based on professional platform
- Smart linkage
- IP67

Solar-Powered Cameras



DS-2XS3Q47G1-LD(H)/4G/C18S40 DS-2XS3Q47G1-LDW(H)/C18S40

- 4 MP@15 fps
- ColorVu, F1.0 super aperture
- Two-way audio
- 4G: 4G model (LTE-TDD/LTE-FDD/WCDMA/GSM)
- W: Wi-Fi model, up to 1 km wireless transmission
- IP65



DS-2XS6A47G1-LS/C36S80 DS-2XS6A87G1-LS/C36S80

- 4/8 MP@30 fps
- ColorVu, F1.0 super aperture
- AcuSense, smart events
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Resistance to level-12 winds at up to 40 m/s
- IP67



DS-2XS6A46G1-IZS/C36S80 DS-2XS6A46G1-P-IZS/C36S80

- 4 MP, 2.8-12 mm/8-32 mm
- AcuSense, smart events
- /P supports ANPR
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Resistance to level-12 winds at up to 40 m/s
- IP67



DS-2DE5425IWG-K/4G

- 4 MP@30 fps
- 25x optical zoom
- 150 m IR supplemental light
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- IP66



DS-2SE7C432IWG-K/4G/14(F0)

- Bullet: 4 MP@30 fps, supports ColorVu
- PTZ: 4 MP@30 fps, 32x zoom, supports DarkFighter
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Support AcuSense
- IP66, IK10

Wildlife Cameras



DS-2XS6F85G1-IC1/4G DS-2XS6F85G1-LC1/4G DS-2XS6F45G1-IC1/S/4G

- 4/8 MP@15 fps
- /S: with a solar panel
- PIR detects targets and wakes up the camera to capture
- IR or white supplemental light
- 4G (LTE-TDD/LTE-FDD/WCDMA/GSM)
- Built-in GPS, IP67



DS-2XS6K01-S180 (solar panel) DS-2WL-P10 (battery)

- Solar panel: 180 W, battery: 1200 Wh
- Support 1×DC12V + 1×DC24V power output
- Weight: 43.8 kg (solar panel + battery)
- Support wall mount and pole mount
- IP67



DS-2XS6K01-C36S80

- Solar panel: 80 W, battery: 360 Wh
- Support 2×DC12V power outputs
- Weight: 24 kg (solar panel + battery)
- Support wall mount and pole mount
- IP67

Dual-Lens People Counting Network Cameras



DS-2CD6825G0/C-IVS

- 2×2 MP@30 fps
- 120 dB WDR
- 6 m IR supplemental light
- Deep learning people counting (counts people entering and exiting separately)
- One built-in microphone
- IP67

NETWORK CAMERAS – Explosion-proof & Anti-Corrosion Series

316L Explosion-Proof Cameras



DS-2XE6242F-IS

- 4 MP@30 fps
- Support AcuSense
- IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, IK08, corrosion resistance



DS-2DB4223I-CX DS-2DB4236I-CWX

- 2 MP@30 fps, 23x/36x optical zoom
- Support face capture, privacy mask
- 200 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



DS-2DF6C431-CX

- 4 MP@30 fps, 31x optical zoom
- Support deep learning functions
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



DS-2DF8432IWG-CXF

- 4 MP@30 fps, 32x optical zoom
- Support deep learning functions
- 100 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, corrosion resistance



DS-2DY9236I-CWX

- 2 MP@30 fps, 36x optical zoom
- Support deep learning functions
- Support manual/event tracking
- 150 m IR supplemental light
- 316L stainless-steel enclosure
- ATEX, IECEx, IP68, NEMA 4X

304 Explosion-Proof Cameras



DS-2XE6445G0-IZS/304

- 4 MP@30 fps, 2.8-12 mm
- Support AcuSense
- IR supplemental light
- 304 stainless-steel enclosure
- ATEX, IECEx, IP68, IK08



DS-2DF4420-DX(S6)

- 4 MP@30 fps
- 20x optical zoom
- 304 stainless-steel enclosure
- ATEX, IECEx, IP68

316L Anti-Corrosion Cameras



DS-2XC6725G0-IZHS DS-2XC6745G0-IZHS

- 2 MP/4 MP@30 fps, 2.8-12 mm
- IR supplemental light
- Support AcuSense
- 316L stainless-steel enclosure
- Defog, IP68, IK10, NEMA 4X, C5-M



DS-2DT6232X-AELY

- 2 MP@30 fps, 32x optical zoom
- 140 dB WDR
- Support deep learning functions
- 316L stainless-steel enclosure
- Defog, IP67, IK10, NEMA 4X, C5-M



DS-2XC6646G0/P-IZHRS DS-2XC6686G0/P-IZHRS DS-2XC6043G0-IHRS DS-2XC6083G0-IHRS

- 2/4/8 MP@30 fps
- 60x3: Support deep learning functions
- /P: Switchable Intelligence: Deep learning ANPR, or AcuSense perimeter protection
- -R: With a wiper
- 316L stainless-steel enclosure
- Defog, IP67/IP68, IK10, NEMA 4X, C5-M
- 60x3: Support DNV certification



DS-2XC6244G0-L DS-2XC6284G0-L DS-2XC6245G0-L DS-2XC6285G0-L

- 4 MP/8 MP@30 fps, 2.8-12 mm
- White supplemental light
- 316L enclosure and anti-corrosion coating
- Defog, NEMA 4X, C5-M
- IP68, within 15/50 m underwater

Polymer Anti-Corrosion Cameras



DS-2XC6027G0-L(S) DS-2XC6047G0-L(S)

- 2 MP@60 fps/4 MP@30 fps
- F1.0 large aperture
- White supplemental light
- Support AcuSense, HEOP
- Polymer anti-corrosion material enclosure
- Defog, IP68, NEMA 4X, C5-M



DS-2DT5432MWG-T DS-2DT5432MWG-T/4G

- 4 MP@30 fps, 32x optical zoom
- With a 4G model with low power mode
- 100 m IR light or 30 m white light
- Polymer anti-corrosion material enclosure
- Defog, IP67, NEMA 4X, C5-M



DS-2DT8C442MXG-LWT

- 4 MP@30 fps, 42x optical zoom
- 500 m laser IR light or 100 m white light
- Support AcuSense, AIOP
- Support smart pan-tilt correction
- EIS, defog, with wiper
- Polymer anti-corrosion material enclosure
- IP67, NEMA 4X, C5-M

High-Temperature Cameras



DS-2XT6445G2-L/C08

- 4 MP@30 fps
- 120 dB WDR
- Semiconductor-cooling technology for 24/7 working in places cooler than 85° C (185° F)
- White supplemental light
- IP67



DS-2XT6645G0-LIZS/C15 DS-2XT6645G0-LIZS/C25 DS-2XT6685G0-LIZS/C25

- 4 MP/8 MP @30 fps
- 120 dB WDR
- /C15: Air-cooling technology for 24/7 working in places cooler than 150° C (302° F)
- /C25: Water-cooling technology for 24/7 working in places cooler than 250° C (482° F)
- IR, white supplemental light
- Support HEOP, IP68



HEATPRO SERIES THERMAL CAMERAS UPGRADE **VCA3.0**



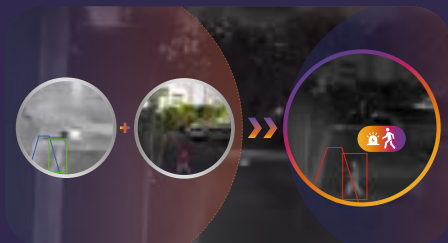
Professional Protection Made Simple

Distillation Model



Hikvision enhances VCA performance by training a large model (teacher model) to drive a small model (student model). This distillation model has resulted in an impressive 80% reduction in false alarms compared to previous deep learning algorithms.

Bi-spectrum Analysis



With the upgraded VCA3.0, Hikvision's HeatPro series Thermal Cameras enable bi-spectrum analysis, delivering superb precision even in face of minimal temperature differences. This capability allows for agile allweather detection.

Self-Learning Calibration



HeatPro Series Thermal Cameras automatically identify object types (person or vehicle) and perform calibration without requiring specific configuration rules for each camera. This streamlined process enhances detection accuracy and significantly reduces setup time for large quantities of cameras.

Combined Event Alarm



Streamline users' security system by combining events such as perimeter protection, motion detection, and two alarm inputs. Each combined event rule allows up to 3 pre-events, satisfying specific needs. (Supports 1 rule for HeatPro 160 resolution, and 2 rules for 256 resolution)

THERMAL

Security Thermal Cameras



DS-2TD1228(T)-QA

- Thermal 256x192@12 μm, NETD < 40 mk; Optical: 4 MP
- Model: 2 mm/3 mm/7 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy (T model: -20°C-550°C with ±2%)
- PoE (802.3af, class 3)
- IP67



DS-2TD2628(T)-QA

- Thermal 256x192@12 μm, NETD < 40 mk; Optical: 4 MP
- Model: 3 mm/7 mm/10 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy (T model: -20°C-550°C with ±2%)
- PoE (802.3af, class 3)
- IP67, IK10



DS-2TD2138-QY

- Thermal 384x288@12 μm, NETD < 35 mk
- Model: 4 mm/7 mm/10 mm/13 mm/15 mm/25 mm/35 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



DS-2TD2637-QY

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: 7 mm/10 mm/15 mm/25 mm/35 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



HM-TX3840-G0/T1

- Bullet thermal 384x288@12 μm, NETD < 25 mk
- Model: 10 mm/15 mm/25 mm
- PTZ: 4MP, 6-240mm 40x optical zoom
- Perimeter protection (Line crossing/ Intrusion)
- 50m white light(bullet)+250m white light(PTZ)
- One-touch automatically calibration
- Smart linkage with video verification
- IP67



DS-2TD4228-S2/DS-2TD4238-S2

- Thermal: 256x192/384x288@12 μm, NETD < 35 mk; Optical: 4 MP@4.8-153 mm, 32X
- Model: 4 mm/7 mm/10 mm/25 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- Fire detection and smoke detection
- Smart Tracking
- Hi-PoE



DS-2TD4137-WY(B) DS-2TD4167-WY(B)

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Hi-PoE



DS-2TD4538-W/DS-2TD4568-W DS-2TD4638-W/DS-2TD4668-W

- Thermal: 384x288/640x512@12μm, NETD < 35mk; Optical: 4MP@4.8-120mm, 25x, 100m IR
- Model: 25mm/35mm
- Panoramic Intrusion Detection
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- Fire detection
- 4G/WIFI/Hotspot supported
- 45 series: DC8-36V power supply; 46series: Built-inlithium battery for 9-hour use



HM-TD7168-W HM-TD71C8-W

- Thermal: 640x512/1280x1024 @12 μm, NETD < 35 mk;
- Model: 55 mm/75 mm
- 360° Panoramic Perimeter protection on human/vehicles/ship/drones
- Fire detection
- Available to link other PT for video verification
- NEMA 4X anti-corrosion



DS-2TD6237-W DS-2TD6267-WY

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x/6-336 mm, 56x, up to 800 m IR
- Model: 50 mm/75 mm/100 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Optional NEMA 4X anti-corrosion



DS-2TD8167-W

- Thermal: 640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-336 mm, 56x/2 MP@10-780 mm, 78x
- Model: 150 mm/190 mm/230 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-150°C temperature range with ±8°C accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Optional NEMA 4X anti-corrosion



DS-2TD95C8-W

- Thermal: 1280x1024@12 μm, NETD < 35 mk; Optical: 4 MP@10-800 mm, 80x/2 MP@10-1000 mm, 100x, 3000 m laser
- Model: 150 mm/190 mm/300 mm
- Perimeter protection (Line crossing/ Intrusion)
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- NEMA 4X anti-corrosion

Thermography Thermal Cameras



DS-2TD2637T-QY

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: 7 mm/10 mm/15 mm
- Fire detection and smoke detection
- Temperature measurement: -20-550°C temperature range with ±2% accuracy
- PoE (802.3af, class 3)
- IP67, IK10, NEMA 4X anti-corrosion



DS-2TD4137T-W(B) DS-2TD4167T-W(B)

- Thermal: 384x288/640x512@17μm, NETD < 35mk; Optical: 4MP@6-240mm, 40x, 150m IR
- Model: 9mm/25mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550°C temperature range with ±2% accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper
- Hi-PoE



DS-2TD6237T-W DS-2TD6267T-W

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x, 200 m IR
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550°C temperature range with ±2% accuracy
- Fire detection and smoke detection
- Smart Tracking, smart wiper



DS-2TD2537T-Q(C)

- Thermal 384x288@17 μm, NETD < 35 mk; Optical: 4 MP
- Model: (4mm/7mm/10mm/15mm)
- Fire detection and smoke detection
- Temperature measurement: -20-650°C temperature range with ±2% accuracy
- IP68, NEMA 4X anti-corrosion, ATEX, IECEX



DS-2TD2568T-G0/T1Y

- Thermal 640x512@12 μm, NETD < 25 mk
- Model: 5 mm/15 mm
- Fire detection and smoke detection
- Temperature measurement: -20-650°C temperature range with ±2% accuracy
- TPM2.0 encryption module
- IP68, NEMA 4X anti-corrosion, ATEX, IECEX



DS-2TD6537T-W DS-2TD6567T-W

- Thermal: 384x288/640x512@17 μm, NETD < 35 mk; Optical: 4 MP@6-240 mm, 40x, 200 m IR
- Model: 25 mm/50 mm
- Perimeter protection (Line crossing/ Intrusion)
- Temperature measurement: -20-550°C temperature range with ±2% accuracy
- Fire detection and smoke detection
- 316L stainless steel, IP68, NEMA 4X anti-corrosion, ATEX, IECEX

NVR 5.0 LAUNCH

Intelligence & Convergence at the Forefront



Unleash the power of
NVR 5.0 with Hikvision

Intelligent Operation

Smooth UI experience:

- Intuitive live view
- Faster and smarter playback
- Visualized real-time alarm and response



Smart Search

Draw rule boxes or intrusion lines to quickly filter and identify targets



AcuSearch

Search specific targets with just one click, then the related videos can be displayed



Slice Playback

A video could be split into different clips by period. Users can find the snapshot segment to replay



Intelligent Protection



- Automatic perimeter protection with self-learning, greatly improving the accuracy of the algorithms

Intelligent Connection



- Smart audio and video linkage for instant response and data storage
- NVRs can store and process data and transfer it to the platform on demand

Intelligent Application



- Converged functions provide support for video, audio, alarm, access control, and other application access

SELF-LEARNING PERIMETER PROTECTION



1*GPU
DS-7600NXI-M2(/XP)/VPro
DS-7700NXI-M4(/XP)/VPro

2*GPU
DS-9600NXI-M8(R)/VPro
DS-9600NXI-M16(R)/VPro

Technology Evolution



First Generation Deep Learning Algorithms

Human and vehicle classification based on deep-learning algorithm



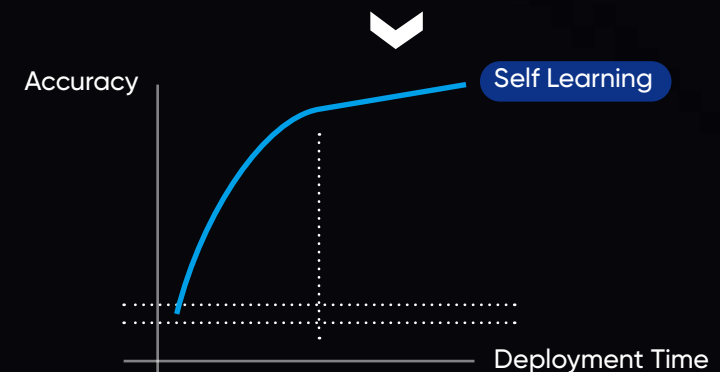
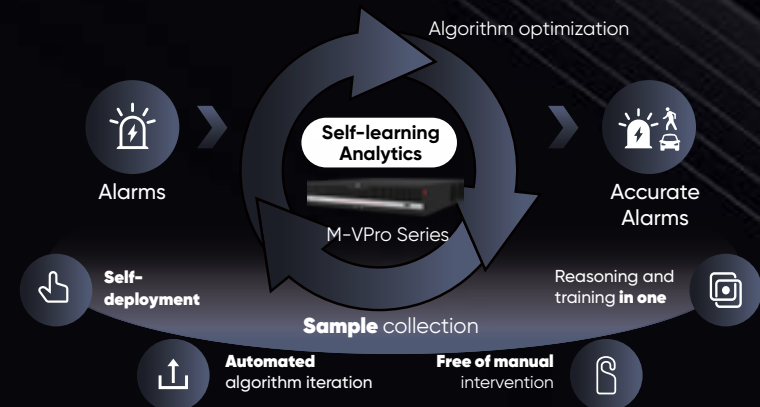
New Generation Deep Learning Algorithms

Human and vehicle classification based on deep-learning video-streaming analytics

More accurate target classification, no fear of shadow interference and multi-people mixing scene, but for specific scenes, the effect is difficult to optimize

Self-learning Analytics

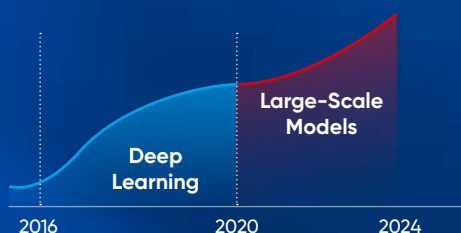
How Self-learning Analytics Works



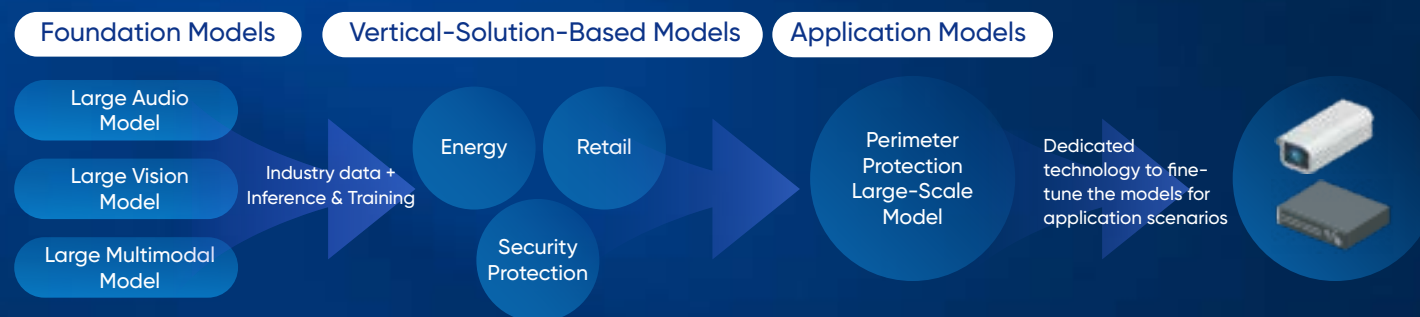
DEEPINMIND INTELLIGENCE

Perimeter Protection with a Large-Scale Model

Technology Evolution



Implementation of Hikvision's Large-Scale Models



Core Values

Experience high-accuracy alarms the moment you set the system up



*Compared with AcuSense

Products



NETWORK VIDEO RECORDERS

M Series



DS-7608NI-M2(16P)

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 2 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE



DS-7616NI-M2(16P)

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 2 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE



DS-7716NI-M4(16P)

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 4 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 1 VGA
- /P: PoE



DS-7732NI-M4(16P)

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 4 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 1 VGA
- /P: PoE



DS-9632NI-M8/R

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 8 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare



DS-9664NI-M8/R

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP + 2-ch@8MP/40-ch@1080p decoding capacity
- 8 SATA interface, up to 16 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare

M-VPro Series



DS-7608NXI-M2(16P)/VPro

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Self-learning perimeter protection/Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture/Up to 6-ch video structuralization



DS-7616NXI-M2(16P)/VPro

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Self-learning perimeter protection/Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture/Up to 6-ch video structuralization



DS-7716NXI-M4(16P)/VPro

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Self-learning perimeter protection/Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture/Up to 6-ch video structuralization



DS-7732XI-M4(16P)/VPro

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 4 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 1 HDMI, 1 VGA
- /P: PoE
- Self-learning perimeter protection/Up to 8-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 6-ch video structuralization



DS-9632NXI-M8R/VPro

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Self-learning perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



DS-9664NXI-M8R/VPro

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Self-learning perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



DS-9664NXI-M16R/VPro

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 16 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Self-learning perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



DS-96128NXI-M16R/VPro

- Max. 128-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 16 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Self-learning perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization

Super H Series



DS-96128NI-H16R

- Max. 128-ch IP camera inputs
- Incoming/outgoing bandwidth: 1024 Mbps/1024 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 16 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare



DS-96128NI-H16R/LCD

- Max. 128-ch IP camera inputs
- Incoming/outgoing bandwidth: 1024 Mbps/1024 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 16 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP, 2 V-SAS, 4 Fiber Optic Interface
- Redundant power supply, N+M hot spare
- 7-inch LCD touch display



DS-96256NI-H24R

- Max. 256-ch IP camera inputs
- Incoming/outgoing bandwidth: 1280 Mbps/1280 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 24 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare



DS-96256NI-H24R/LCD

- Max. 256-ch IP camera inputs
- Incoming/outgoing bandwidth: 1280 Mbps/1280 Mbps
- Up to 3-ch@32 MP/48-ch@1080p decoding capacity
- 24 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 16/8
- 2 HDMI, 1 VGA, 2 DP, 2 V-DP
- Redundant power supply, N+M hot spare
- 7-inch LCD touch display

DEEPINMIND INTELLIGENCE

DeepinMind M Series



iDS-6708NXI-M1/X

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- Up to 8-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture/Up to 8-ch video structuralization



iDS-6716NXI-M1/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 20 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- Up to 16-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture/Up to 16-ch video structuralization



iDS-7608NXI-M2(/8P)/X

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Up to 8-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture/Up to 6-ch video structuralization



iDS-7616NXI-M2(/16P)/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 2 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- /P: PoE
- Up to 12-ch perimeter protection /Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture /Up to 6-ch video structuralization



iDS-7716NXI-M4(/16P)/X

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 4 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/4
- 2 HDMI, 1 VGA
- /P: PoE
- Up to 16-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture /Up to 12-ch video structuralization



iDS-7732NXI-M4(/16P)/X

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32ch@1080p decoding capacity
- 4 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/4
- 2 HDMI, 1 VGA
- /P: PoE
- Up to 24-ch perimeter protection /Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



iDS-9632NXI-M8R/X

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Up to 24-ch perimeter protection/Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture/Up to 12-ch video structuralization



iDS-9664NXI-M8R/X

- Max. 64-ch IP camera inputs
- Incoming/outgoing bandwidth: 400 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- Redundant power supply, N+M hot spare
- Up to 24-ch perimeter protection/Up to 16-ch facial recognition for video stream, or up to 48-ch facial recognition for face picture/Up to 12-ch video structuralization

DeepinMind M Series (AIOP)



iDS-6708NXI-M1/AI

- Max. 8-ch IP camera inputs
- Incoming/outgoing bandwidth: 128 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 12 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- AIOP



iDS-6716NXI-M1/AI

- Max. 16-ch IP camera inputs
- Incoming/outgoing bandwidth: 256 Mbps/256 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 1 SATA interface, up to 12 TB for each HDD
- Alarm In/Out: 4/1
- 1 HDMI, 1 VGA
- AIOP



iDS-9632NXI-M8/AI

- Max. 32-ch IP camera inputs
- Incoming/outgoing bandwidth: 320 Mbps/400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity
- 8 SATA interface, up to 14 TB for each HDD
- Alarm In/Out: 16/9
- 2 HDMI, 2 VGA
- AIOP

Intelligent Fusion Server



DS-IX2003-A3U/X

- 4 Gigabit Ethernet self-adaptive network interface
- Cluster Capacity ≤ 5
- Max. number of arming lists (face analysis): 3 million, picture and structured data: 50 million (hot data)
- 3 GPU cards, different card can be assigned different algorithm according to customer's need
- Analysis of human body and vehicle videos: 30 channels (≤ 2 MP)/GPU card, or 16 channels (≤ 5 MP)/GPU card, or 8 channels (≤ 8 MP) /GPU card
- Analysis of human body and vehicle pictures: 60 pieces per second/GPU card
- Object picture analysis and comparison: 170 pieces per second/GPU card

Full Analysis Server



DS-IF1032-03U/X(A7)

- Max. number of arming lists (face analysis): 1 million
- 1 GPU Card
- Analysis of human body and vehicle videos: 32 channels (≤ 2 MP)/GPU card, or 24 channels (≤ 5 MP)/GPU card, or 16 channels (≤ 8 MP) /GPU card
- Analysis of human body and vehicle pictures: 80 pieces (≤ 8 MP) per second/GPU card
- Object picture analysis and comparison: 160 pieces per second/GPU card



DS-IF1064-03U/X(A7)

- Max. number of arming lists (face analysis): 1 million
- 2 GPU cards, different card can be assigned different algorithm according to customer's need
- Analysis of human body and vehicle videos: 32 channels (≤ 2 MP)/GPU card, or 24 channels (≤ 5 MP)/GPU card, or 16 channels (≤ 8 MP) /GPU card
- Analysis of human body and vehicle pictures: 80 pieces (≤ 8 MP) per second/GPU card
- Object picture analysis and comparison: 160 pieces per second/GPU card

Activity Analysis Server



DS-IE1064-03U/BA(A7)

- 4 Gigabit Ethernet self-adaptive network interface
- Cluster Capacity ≤ 5
- Detecting specific behaviors in scenarios like perimeter, street, densely populated areas, indoor, etc., and providing video intelligent analysis applications
- Video analysis performance (2 MP to 8 MP): 64 channels
- Perimeter protection detection: line crossing, region entrance/exiting, area intrusion, loitering
- Street behavior detection: physical conflict, people gathering, falling down, unattended baggage
- Trend analysis: people density, real-time people counting, and overall people counting
- Indoor behavior detection

NETWORK STORAGE

EasyCVR



DS-A60212R-I

- 128-ch (256Mbps) recording & playback
- 12 SATA interface, up to 8TB for each HDD, support hot-swapping
- Recording mode: timing recording, manual recording, alarm recording
- Support direct streaming
- Provide GUI operation wizard, four steps to quickly complete the system configuration;
- 4 Gigabit Ethernet self-adaptive network interface
- RAID 0, 1, 5, 6, 10, hot spare, multiple data security protection
- 2 USB 3.0, 1 RS-232, 1 VGA, 1HDMI, 1 eSATA
- Redundant power



DS-A60224R-I

- 256-ch (512Mbps) recording & playback
- 24 SATA interface, up to 8TB for each HDD, support hot-swapping
- Recording mode: timing recording, manual recording, alarm recording
- Support direct streaming
- Provide GUI operation wizard, four steps to quickly complete the system configuration;
- 4 Gigabit Ethernet self-adaptive network interface
- RAID 0, 1, 5, 6, 10, hot spare, multiple data security protection
- 2 USB 3.0, 1 RS-232, 1 VGA, 1HDMI, 1 eSATA
- Redundant power



DS-A60236R-I

- 256-ch (512Mbps) recording & playback
- Support 36 SATA interface, up to 8TB for each HDD, support hot-swapping
- Recording mode: timing recording, manual recording, alarm recording
- Support direct streaming
- Provide GUI operation wizard, four steps to quickly complete the system configuration;
- 4 Gigabit Ethernet self-adaptive network interface
- RAID 0, 1, 5, 6, 10, hot spare, multiple data security protection
- 2 USB 3.0, 1 RS-232, 1 VGA, 1HDMI, 1 eSATA
- Redundant power

SERVERS

Tower Workstation



DS-VP41D-C/HW3

- CPU: i3-12100
- Memory: 8GB
- Hard Disk: 256GB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service



DS-VP41D-C/HW5L

- CPU: i5-12500
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service



DS-VP41D-C/HW7L

- CPU: i7-12700
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Ports: HDMI×1+DP×3
- Support 4 simultaneous screen displays
- Power supply: 300W
- Operating system: Win 10 IoT
- 3 years global platinum service

Single-socket Rackmount Server



DS-VE11D-C/HW01

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×2
- Power supply: 450W
- Operating system: Winserver 2019
- 3 years global platinum service



DS-VE11D-D/HW01E

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 960GB SATA SSDx2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×2
- Power supply: 450W
- Operating system: Winserver 2022
- 5 years global platinum service



DS-VE11D-D/HW05

- CPU: E-2378
- Memory: 32GB
- Hard Disk: 2TB 7.2K SATA SSD×2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×2
- Power supply: 450W
- Operating system: Winserver 2019
- 3 years global platinum service

Dual-socket Rackmount Server



DS-VD22D-C/HW2

- CPU: 4309Y
- Memory: 32GB
- Hard Disk: 2TB 7.2K SATAx2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×6
- Power supply: 800W(1+1)
- Operating system: Winserver 2019
- 3 years global platinum service



DS-VD22D-C/HW2E

- CPU: 4309Y
- Memory: 32GB
- Hard Disk: 960GB SATA SSDx2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×6
- Power supply: 800W(1+1)
- Operating system: Winserver 2022
- 5 years global platinum service







DS-VD22D-C/HW48E

- CPU: 4309Yx2
- Memory: 32GBx2
- Hard Disk: 2TB 7.2K SATA×2(RAID_1)+2TB 7.2K SATA×2(RAID_1)
- Storage Controller: H355
- Ports: 1GbE×6
- Power supply: 800W(1+1)
- Operating system: No OS
- 5 years global platinum service

ONBOARD SECURITY

Drive with confidence, secure with intelligence

Application Scenarios

-  High-definition view with up to 6MP HD video monitoring
-  Intelligent driver assistance through built-in ADAS, DSM & BSD*
-  Reduce blind spots with a complete view around the vehicle
-  Simple installation & durable performance



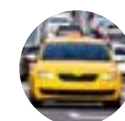
Transit Bus



School Bus



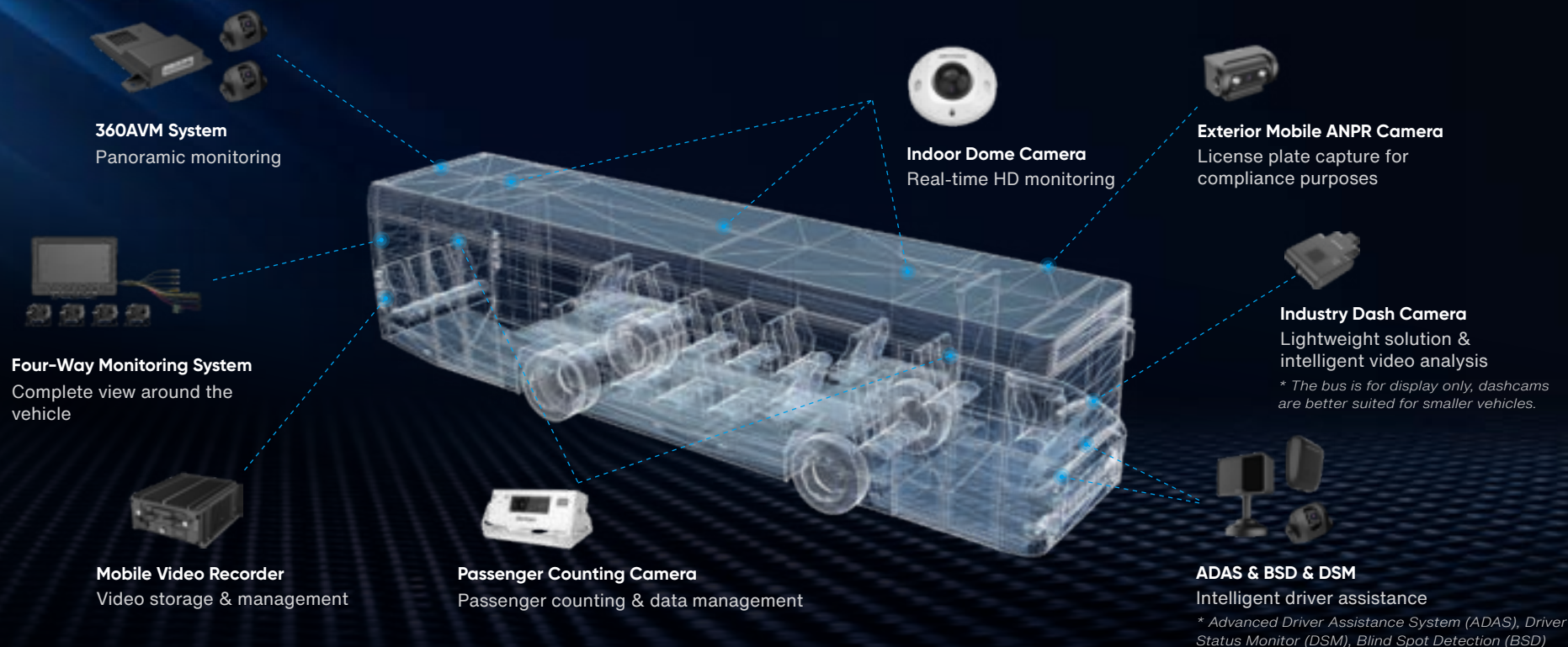
Truck



Taxi



Rail Transport



ONBOARD SECURITY

People counting camera



DS-2XM6825G1

- Up to 2 MP Resolution
- Passenger counting AI function
- Clear imaging against strong backlight due to 105 dB WDR technology
- Resistant to water and dust (IP66) and vandalism (IK08)

ANPR AI Camera



AE-VC5831-IS/P

- High quality imaging with 5 MP resolution
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Capable of identifying license plates
- Resistant to water and dust (IP68 & IP69K) and vandalism (IK10)

Network Camera



DS-2XM6726G1

- Up to 1080P resolution
- Clear imaging against strong backlight due to 120 dB WDR technology
- Resistant to water and dust (IP67) and vandalism (IK10)

DSM Camera



AE-VC154T-IT

- Up to 720P resolution
- Supports automatic electronic shutter function to adapt to different monitoring scenarios
- Supports automatic electronic gain function and brightness adaption
- Incorporates a shock-proof design

ADAS Camera



AE-VC155T

- Up to 720P resolution
- Supports automatic electronic shutter
- Supports automatic gain control
- Supports WDR

BSD Camera



AE-VC236T

- Supports HD coaxial output at 1080P resolution
- Minimum illumination of 0.01 Lux @ (F1.2, AGC ON)
- Adopts automatic electronic shutter to adapt to different environment
- Resistant to water and dust (IP68 & IP69K) and vandalism (IK10)

Mobile Hybrid Vedio Recorder



AE-MH0804

- Supports 4 channels of IP cameras and 8 channels of analog HD cameras
- Offers flexible data transmission solutions with pluggable 4G and Wi-Fi modules
- Incorporates AI functions including ADAS, BSD-R, and DSM
- Supports recording backup on redundant HDD/SSD

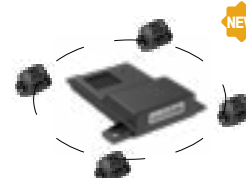
Dash Camera



AE-DI2032-G40

- Up to 1080P resolution
- Supports 3 channels of video, 1 channel of audio (CH 1)
- GPS and speed overlay on the image
- AI functions
- Built-in Wi-Fi module, support Wi-Fi AP

View Assist System



AE-VE242A-A

- Supports input for 4 channels of 720P, 1080P high-definition cameras
- 2D/3D multi-view switching capabilities
- Offers HDTVI, AHD, CVBS output options
- Provides access via an app and includes calibration functionality
- Supports panoramic view algorithm

Four-way Monitoring System



AE-VD2501A-A

- 4 channels of 1080P cameras.
- Easy installation and user-friendly operation
- Includes a standard 64 G TF card from Hikvision.
- Supports switching to the rearview camera when in reverse

PORTABLE PRODUCTS

►► Body-Worn camera

Protect your security officers & streamline incident management

- Compact and rugged design & extra-long recording time (12h/single charge)
- Easy and intuitive operation & flexible mounting options
- Real-time view of enforcement & location visualization
- Efficient & secure data management



►► Portable Camera

Instant security – any site, any time

- On-the-move monitoring made easy
- Panoramic and detailed views in a single shot
- Enhanced safety with AI-powered analytics

Suitable for a wide range of scenarios



Vehicle mounted



Emergency monitoring



Temporary monitoring



Industrial security



PORTABLE PRODUCTS

Body-Worn Camera



NEW

DS-MCW409

4G Dual-Mic Body-Worn Camera

- Support GPS/Wi-Fi/4G
- Up to 2k resolution (2688*1512) recording
- 2.4 inch touchscreen for basic operation, live view and video playback
- 3300 mAh detachable main battery (battery can be replaced without power interruption), providing an extra long working life of 12 hours of HD recording
- Dual-MIC for improved audio performance
- IP68-rated for high protection and can survive a 2-meter drop
- Up to 256 GB TF card for internal storage



DS-MCW407 series

Big Button 4G Body-Worn Camera

Linux: DS-MCW407(D) Android: DS-MCW407(A)

- Support GPS/Wi-Fi/4G
- Big button for recording
- Up to 2 MP resolution recording
- 2.0 inch touchscreen for basic operation, live view and video playback
- 3220 mAh non-removable main battery, extra long working life of 12 hours of HD recording
- IP68-rated for high protection and can survive a 2-meter drop
- Up to 256 GB TF card for internal storage

Name Plate Camera



DS-MCC21(0)J6

- Up to 1600*1200 resolution recording
- Personnel identity displayed
- E-ink screen and easy App configuration
- Privacy protection features such as convenient view block and recording voice only (upcoming)
- Compact and smart design: small and lightweight (50 g) with a neatly designed magnet
- Ideal for work regulation and dispute privation
- 1550 mAh non-removable main battery, extra long working life of 12 hours of 720P recording
- 32 GB/64 GB EMMC for internal storage

Dual System Dock Station



NEW

DS-MDS005

- Dual system: Linux storage system and Android operating system
- Independent slots: unlocking with face, password, card, fingerprint
- 13.3" touch screen for search, status display, video playback and management
- Type-C/Mini USB port for charging BWC and uploading files
- Automatic collection of body camera data (picture, video, and audio), and clearing of storage space on the camera
- Default 2 TB storage, with up to 8 TB * 4 disks expandable storage
- Extendable up to 32 slots

Portable PTZ Camera



iDS-MCD402

4G Dual-Lens ANPR Portable PTZ Camera

- Dual-lens: 8 MP fixed lens & 4 MP 36x optical zoom, can see human body 500 m away
- Convenient hand design with support for tripod, magnetic mount, and fixed bracket
- 2.4 inch touchscreen with support for live view, PTZ control, zoom in/out, basic configuration
- Dual-MIC for good audio performance
- Smart function include vehicle features recognition, and operation safety detection (helmet, clothes, off-work people counting)



iDS-MCD202

4G Classic ANPR Portable PTZ Camera

- 2 MP resolution, 30x optical zoom, can see human body 500m away
- Convenient hand design with support for tripod, magnetic mounted, and fixed bracket
- Built-in screen for device's basic status
- Smart functions include vehicle features recognition, and operation safety detection (helmet, clothes, off-work people counting)



NEW

iDS-MCD242

Plastic PTZ Camera

- 2 MP resolution, 10x optical zoom, can see human body 100 m away
- Made of plastic material, resistant to corrosion
- Built-in screen for device's basic status
- Dismountable battery, up to 15 hours of working life
- IP66 rating
- Convenient design with a height of only 222 mm and weight of 2.5 kg



iDS-MCD20M

Mini PTZ Camera

- 2 MP recording
- Available in outdoor (IP66) and indoor models
- 12 hours of long working life
- PIR function (Only for outdoor module)
- APP access via hotspot

Helmet Camera



DS-MCH208

- Support GPS/Wi-Fi/4G
- Up to 1080p resolution (1920*1080) recording
- One-button operation to start recording, eliminating the need for constant manual operations
- Adjustable angle for flexible positioning
- 3300 mAh non-removable main battery, extra long working life of 12 hours of HD recording
- Suitable for rental models of businesses
- Two-way talk for work instructions and queries
- Support IR, IP67-rated for high protection and can survive a 2-meter drop



DS-MCH508(D)

- Up to 1080p resolution (1920*1080) recording
- Compact design with a size similar to a credit card
- Rotatable lens for various scenarios
- Multiple installation mode: support magic stick and rail adapter accessory
- Bluetooth connection for wireless earphones, enabling intercom with the center
- 2700 mAh detachable main battery, extra long working life of 11 hours of HD recording.
- Support IR, IP67 rating, and can withstand a 2-meter drop

RADAR

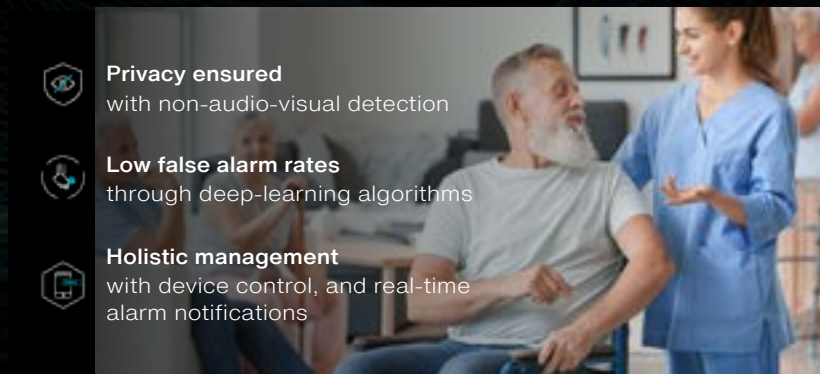
»» Traffic radar sensors

Safer roads start with smarter sensing



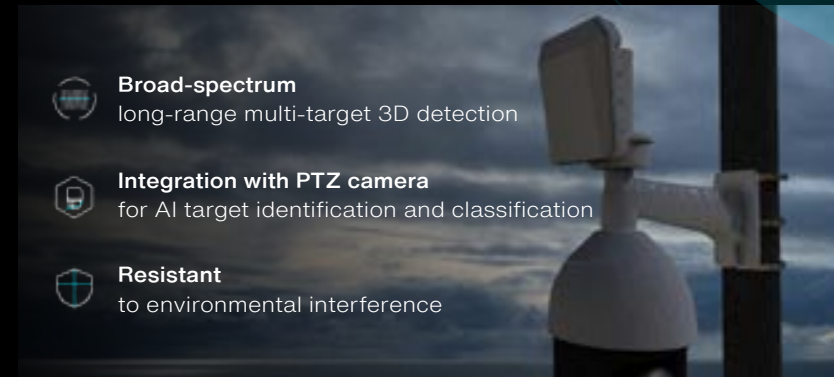
»» Healthcare radar sensors

Timely alerts for quick assistance



»» Security radar

Beyond site, within sweep



»» Water monitoring radar

Track water's rhythm, with utmost precision



RADAR

Traffic Flow Radar



DS-TDSB00-EML(350m)

- Working Frequency: 60 GHz
- Modulation Waveform: FMCW
- Max. Support: 8 lanes
- Max. Detection Distance: up to 350 m
- Max. Detection Targets: up to 260 vehicles
- Speed Measuring Range: -320 to 320 km/h
- Speed Measuring Accuracy: ± 2 km/h

Speed Measurement Radar



DS-TD10M-1

- Working Frequency: 24 GHz
- Modulation Waveform: FMCW
- Max. Support: 4 lanes
- Max. Detection Distance: up to 150 m
- Max. Detection Targets: up to 32 vehicles
- Speed Measuring Range: 10 to 320 km/h, Speed Measuring Accuracy: ± 2 km/h



DS-TDSB00-EMM

- Working Frequency: 60 GHz
- Modulation Waveform: FMCW
- Max. Support: 8 lanes
- Max. Detection Distance: up to 150 m
- Max. Detection Targets: up to 128 vehicles
- Speed Measuring Range: 10 to 320 km/h
- Speed Measuring Accuracy: ± 2 km/h

Security Radar



NEW

DS-TDSB0G-FK

- K-band
- Modulation Waveform: FMCW
- Detection Range: human up to 500 m, vehicle up to 1000 m
- Supports 32 targets detection, 16 detection zones, and 4 warning lines
- Up to 4 PTZ cameras linkage with 3 selectable scenario modes
- Built-in 128 G memory card
- NEMA 4X



NEW

DS-TDSB0G-FX/1km DS-TDSB0G-FC/2km

- X-band/C-band
- Modulation Waveform: FMCW/Pulse Doppler&Phased Array
- Detection Range: human 1/1.8 km, vehicle 2/3 km
- Support 32 targets detection, 16 detection zones, and 4 warning lines
- Up to 4 PTZ cameras linkage with 3 selectable scenario modes
- Built-in 128 G memory card
- NEMA 4X



NEW

DS-TDSB0W-FC/5km

- C-band
- Modulation Waveform: Pulse Doppler&Phased Array
- Detection range: Vehicle/boat up to 5 km
- Supports 32 targets detection, 16 detection zones, and 4 warning lines
- Up to 4 PTZ cameras linkage with 3 selectable scenario modes
- Built-in 128 G memory card
- NEMA 4X

Auxiliary Care Radar



DS-TDSB00-EKH

- Working Frequency: 60 GHz to 63 GHz
- Detection Range: 0.2-2.7 m
- Modulation Waveform: FMCW
- Bed occupancy and movement detection
- Breath and heartbeat rate detection
- High privacy protection: non-audio-visual detection

Fall Detection Radar



DS-TDSB00-EKT

- Working frequency: 60 GHz to 63 GHz
- Detection Range: 20°, 5 m × 4 m
- Modulation Waveform: FMCW
- Personnel trajectory output
- Alarms for falls
- High privacy protection: non-audio-visual detection

NETWORKING

HI Series

Versatile connectivity

- 24 optical ports + 10 Gigabit uplink ports for diverse business needs.
- Support stacking for seamless scalability.

Robust security features

- DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL, and more.

User-friendly operations

- Manage easily through SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), CLI, FTP, and Console.

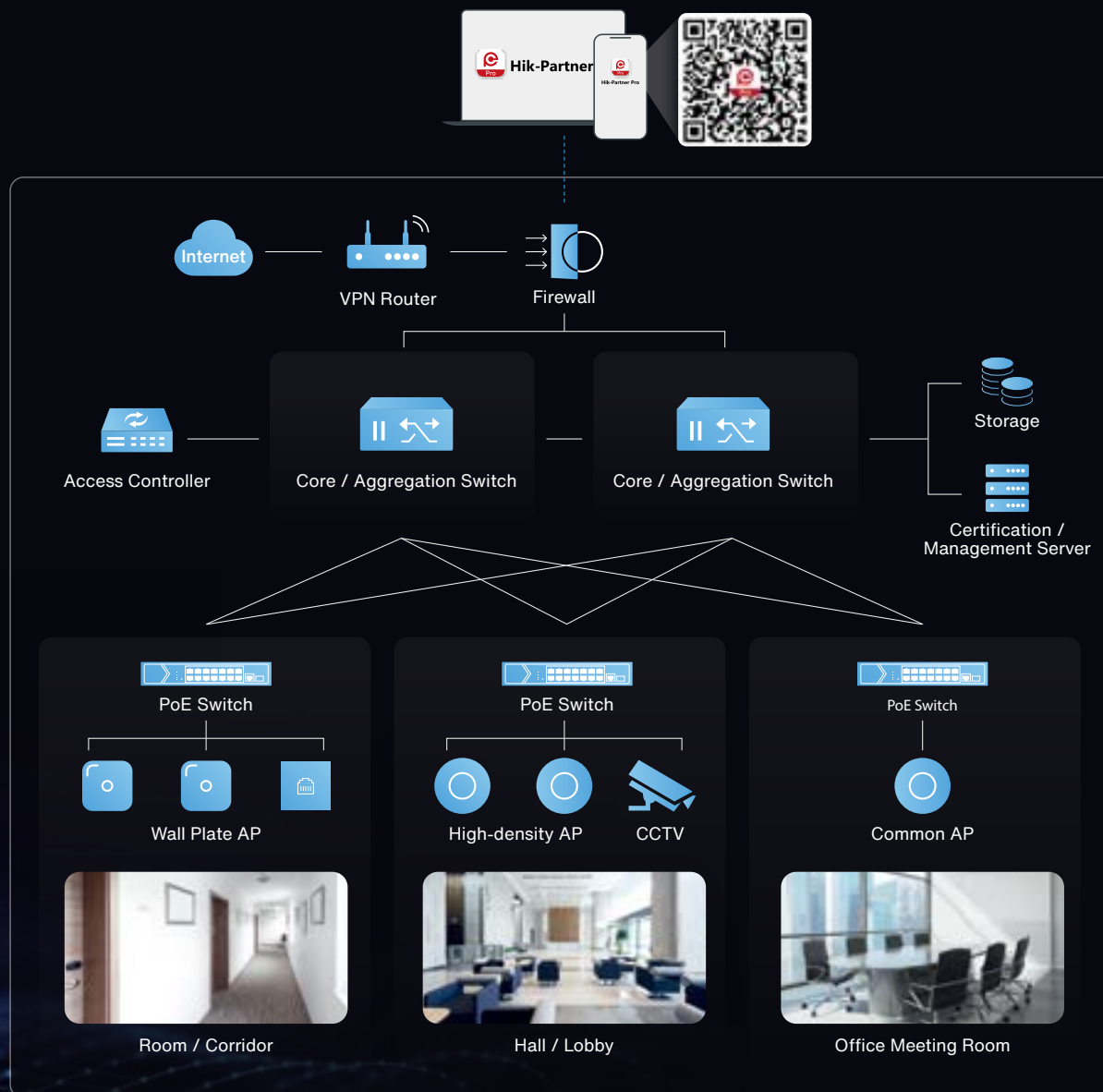
Rich QoS (quality of service) functions

- Supports flow classification based on 802.1P/DSCP, and queue scheduling (SP/WRR/SP+WRR).

Advanced routing capabilities

- Support extensive IPv4/IPv6 routing protocols like RIP and OSPF.

Enhance your security and networking infrastructure with HI series switches coupled with the Hikvision Hik-Partner Pro mobile app for unified management.



NETWORKING – Switches

HI Switch



NEW

DS-3E2736-HI-24F8T4X

- 8×Gigabit RJ45 ports, 24×Gigabit fiber optical ports, 4×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF



NEW

DS-3E2754-HI-48T6X

- 48×Gigabit RJ45 ports, 6×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

SI Switch



DS-3E1510P-SI

- 8×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more



DS-3E1518P-SI

- 16×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more



DS-3E1526P-SI

- 24×Gigabit PoE ports, and 2×Gigabit fiber optical ports
- IEEE 802.3af/at PoE standard
- Network topology management, alarm push, network health monitoring
- 6 KV surge protection for PoE ports
- AF/AT camera can reach up to 300 m in extend mode
- PoE watchdog automatically detects and restarts non-responsive cameras.
- Various layer 2 management protocols, such as STP/RSTP, VLAN, link aggregation, SNMP, QoS, and more



DS-3E1552P-SI

- 48×Gigabit PoE Ports, 2×Gigabit RJ45, 2×fiber optical ports
- IEEE 802.3af/at PoE standard
- Total PoE power budget of 470W
- PoE watchdog, STP/RSTP, VLAN, SNMP, QoS
- 104 Gbps switching capacity
- 16K MAC address entries

Industrial Switch: L3 Industrial



DS-3T3512P

- 4×1000 BASEX SFP ports and 8×802.3af/at PoE/PoE+ 10/100/1000 BASET ports. 1 Management Serial CLI Port
- Support static routing, policy routing, RIP, OSPF and other layer 3 routing protocols
- SNMPv1/v2c/v3 for different levels of network management
- PoE device detection and PoE power management
- Dual redundant power inputs design for DC models
- Fanless, -40 to 75° C wide operating temperature range

Industrial Switch: Unmanaged & Industrial



DS-3T0506P

- Full Gigabit ports
- The backplane bandwidth is 20 Gbps
- PoE device detection and PoE power management
- Dual redundant power inputs design
- Fanless, -40 to 75° C wide operating temperature range
- MTBF≥ 400,000 hours



DS-3T0510P

- Full Gigabit port
- The backplane bandwidth is 20 Gbps
- PoE device detection and PoE power management
- Dual redundant power inputs design
- Fanless, -40 to +75° C operating temperature range
- MTBF≥ 400,000 hours

Wireless Bridge



NEW

DS-3WF0FA-5AC/O

- 5 Ghz, 867 Mbps, 1 km, 360°
- Built-in 8dBi 2x2 MIMO antenna
- 802.3af PoE power supply
- Visualized topology management
- Real-time alarm push technology



DS-3WF02C-5AC/O

- 5 Ghz, 867 Mbps, 5 km, CPE
- All Gigabit LAN ports
- TDMA supported
- Quick match through DIP switch
- Visualized topology management



DS-3WF03C-5AC/O

- 5 Ghz, 867 Mbps, 15 km, CPE
- All Gigabit LAN ports
- TDMA supported
- Quick match through DIP switch
- Visualized topology management

NETWORKING – Switches

Enterprise Campus Switch: Core Switch



DS-3E7806

- High reliability
- Flexible expansion
- Virtualization technology
- Support Multi-VRF function
- Come with an IPv4/IPv6 dual-stack platform
- Support hardware-level encryption technology, MACsec



DS-3E7803M

- High reliability
- Flexible expansion
- Virtualization technology
- Support Multi-VRF function
- Come with an IPv4/IPv6 dual-stack platform
- Support hardware-level encryption technology, MACsec
- Provide high-density 10G/40G interface cards



DS-3E3728-H

- 24×10/100/1000 BASE-T ports (including 8×combo interfaces), 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- Provide 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply

Enterprise Campus Switch: Aggregation Switch



DS-3E3752-H

- 48×10/100/1000 BASE-T ports, 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply



DS-3E3728F-H

- 24×SFP ports (including 8×combo interfaces), 4×10G/1G BASE-X SFP+ ports
- High reliability
- Virtualization technology
- L3 network management function
- 24 or 48 Giga and 4 fixed 10GE ports onboard with one expansion slot
- Come with an IPv4/IPv6 dual-stack platform
- Adopt hot-swappable dual-power supply

Enterprise Campus Switch: Access Switch



DS-3E2510P-H

- 8×Gigabit PoE ports, 2×Gigabit fiber optical ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



DS-3E2528-H

- 24×10/100/1000 BASE-T ports, 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



DS-3E2552-H

- 48×10/100/1000 Base-T ports, 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design



DS-3E2528P-H

- 24×10/100/1000 BASE-T ports (PoE+), 4×1000 BASE-X SFP ports
- High reliability
- Virtualization technology
- L2 full network management function
- Gigabit PoE ports
- Support the combination of "Ethernet port+optical port"
- Energy-saving design

HI Switch



DS-3E2528-HI-24T4F

- 24×Gigabit RJ45 ports, 4×Gigabit fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF



DS-3E2552-HI-48T4F

- 48×Gigabit RJ45 ports, 4×Gigabit fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF



DS-3E2728-HI-24T4X

- 2×Gigabit RJ45 ports, 4×10G fiber optical ports
- More security functions: DHCP Snooping, AAA, IPSG, 802.1X, ARP prevention, ACL
- Rich maintenance methods: SNMPv1/v2/v3, Web, APP (Hik-Partner Pro), FTP, Console
- Rich QoS functions: flow classification based on 802.1P/DSCP, SP/WRR/SP+WRR
- Rich IPv4/IPv6 routing protocols: RIP, OSPF

2ND GENERATION PROFESSIONAL ACCESS CONTROL



Easy web management

Configuration on PC web / mobile web with AP mode on



Professional access applications

Support Wiegand, OSDP V2.X, advanced access strategies



Converged & unified solution

Integrate with video security, intercom & alarm systems



Flexible authentication

Card, fingerprint, PIN code, bluetooth, QR code, and NFC

2.0 ACCESS CONTROL



Management Software



HikCentral
Access Control



Hik-Connect 6
Team Mode

MINMOE FACE RECOGNITION TERMINALS

Easy to Manage with Extensive Functionality

- Access methods include face, iris, PIN code, card, fingerprint, QR code, with different modules available
- Supports web or GUI configuration
- Remote control via Hik-Connect App

Superior Recognition in Any Environment

- Amazing recognition speed of 0.2 seconds
- Accuracy rate of over 99%
- Perform equally well under low or even zero-light environments



SPEED GATES AND TURNSTILES



Modern Appearance

Adapts to high-end scenarios



High Throughput

30-60 persons per minute



Multiple Authentication Methods

Face, fingerprint, card, QR code



Third-party Integration & Great Extensibility

3rd-party AC system, MinMoe face recognition terminals, etc.



ACCESS CONTROL

MinMoe Face Recognition Terminal



DS-K1T673T Series

- 7-inch LCD touch screen
- IP65
- 100,000 faces, 500,000 cards, 10,000 fingerprints (with fingerprint module)
- Accurate recognition of single or up to 5 persons
- Flexible combination of modules including Fingerprint, Bluetooth, and QR code
- Up to 8 customizable pictures or headlines for digital advertisement



DS-K1T981 Series

- 8-inch LCD touch screen
- Max. 50,000 Faces, Max. 100,000 cards, Max. 10,000 Iris (optional)
- IP65
- Two-door control (Multiple management methods: HikCentral Access Control, Hik-Connect, Web)



DS-K1T680 Series

- 8-inch LCD touch screen
- Linux system
- Max. 100,000 faces, Max. 100,000 cards, Max. 10,000 fingerprints (optional)
- IP65

Access Controller



DS-K2700X Series

- 1/2/4/8 doors control (Max. 128 doors with 62 access modules) Supports 100,000 users, 10,000 fingerprints, 200,000 cards, 600,000 events
- Supports web configuration: All configurations can be realized via web without software application
- Supports on-premises deployment - HikCentral Professional/HikCentral Access Control
- Supports cloud-based deployment - Hik-Connect
- PoE power supply (optional)
- Supports backup battery



DS-K2600T Series

- 1/2/4 doors control
- Supports 100,000 cards, 300,000 events
- Advanced access strategies
- Supports backup battery
- RS485/Wiegand interface, ISAPI, OSDP, ISUP, etc.

Access Control Terminal



DS-K1T502 Series

- IP65 & IK09
- All-in-one: Manage access control, video intercoms, and video security with one device
- Multiple authentication methods: fingerprint, card, PIN code, etc.
- Easy to use: connect smart phone to Internet via AP mode directly for configuration/deployment
- Multiple applications: supports Hik-Connect, Mobile web, PC web, HikCentral Access Control

Reader



DS-K1109 Series

- DESFire/M1 card
- Bluetooth/QR code/Fingerprint
- Supports RS485 (OSDP) and Wiegand (W26/W34) protocol
- IP65



DS-K1107 Series

- EM/M1 card
- Supports RS485 (OSDP) and Wiegand (W26/W34) protocol
- IP65

Issuer



DS-K1F100-D8E

- Plug-and-play USB with no-driver technology
- Supports various card types (Mifare card and EM card)



DS-K1F600U-D6E-F

- Supports enrolling face picture, fingerprint, 13.56 MHz Mifare 1 card, DESfire card, Felica card and 125KHz EM card
- 3.97-inch LCD touch screen, 2 Mega pixel wide-angle lens
- Supports TCP/IP, USB communication

Lock



DS-K4H250S

- Single-door magnetic lock, supports static linear thrust of 280 kg
- LED indicator displays door lock status



DS-K4T100

- Electric bolt, polished and brushed stainless steel, supports thrust of 800 kg
- Suitable for wooden door, glass door, metal door and fireproof door

Button



DS-K7P03

- Touchless exit button
- Stainless steel panel, Led Indicator
- Dimension (L×W×H): 86×86×25.7 mm (3.39×3.39×1.01")



DS-K7P04

- Touchless exit button
- Stainless steel panel, Led Indicator
- Dimension (L×W×H): 90×35×37.7 mm (3.54×1.38×1.48")

Card



IC S50

- M1 card
- Contactless Smart card, Frequency: 13.56MHz.



DS-K7M106-D0E

- DESFire card
- Desfire contactless smart card, frequency: 13.56 MHz

Speed Gate



DS-K3B961TX Series

- Servo motor, MCBF ≥ 30 millions
- Infrared sensor: 24 pairs
- SUS304 stainless steel 2.0 mm
- 1651 mm(L)×117 mm(W)×1020 mm(H)
- Throughput: 30 - 60 persons per minute
- Door wing light, PC web
- Indoor
- ISAPI



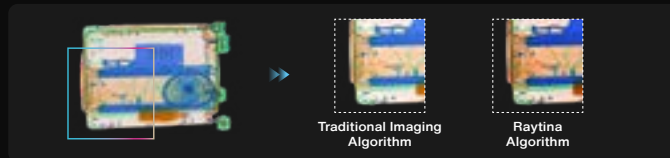
DS-K3B501SX Series

- Servo motor, MCBF ≥ 6 millions
- Infrared sensor: 12 pairs
- SUS304 stainless steel 1.2 mm
- 1500 mm(L)×200 mm(W)×960 mm(H)
- Throughput: 20 - 60 persons per minute
- Door wing light, PC & mobile web
- IPX4
- ISAPI

INTELLIGENT SECURITY INSPECTION

Sharper Imaging with Raytina

The Raytina Algorithm Engine improves conventional X-ray imaging by enhancing signal-to-noise ratio (SNR), delivering high-definition X-ray images.



Higher Detection Efficiency

Hikvision integrates AI technology with X-ray imaging for rapid and precise detection, greatly enhancing inspection efficiency.



Advanced Millimeter Wave Imaging

Hikvision's Millimeter Wave Detector effectively identifies prohibited items, whether metallic or non-metallic, without the risks linked to ionizing radiation. Its AI-powered algorithm and software feature adjustable and customized detection settings, ensuring impressively precise and clear imaging.



INTELLIGENT SECURITY INSPECTION

X-Ray Baggage & Parcel Inspection System



ISD-SC5030SA-2CL

- Tunnel size: 500 mm(W)x300 mm(H)
- X-ray generator: 80 KV 0.6 mA (Adjustable)
- Single energy type
- 2 Cameras for person & baggage videos



ISD-SC5030S-2CVL

- Tunnel size: 500 mm(W)x300 mm(H)
- X-ray generator: 140 KV 0.8 mA (Adjustable)
- Dual energy type, colorful X-ray image
- AI support detection
- 2 Cameras for person & baggage videos
- 2 Moving speeds function 0.2, 0.3 m/s
- Fingerprint fast login



ISD-SC6550S-4CVL

- Tunnel size: 650 mm(W)x500 mm(H)
- X-ray generator: 160 KV 1.2 mA (Adjustable)
- Dual energy type, colorful X-ray image
- AI support detection
- 4 Cameras for person & baggage videos
- 3 Moving speeds function, 0.2, 0.3 or 0.4 m/s
- Fingerprint fast login



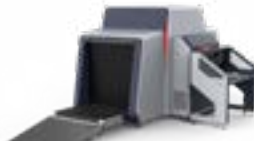
ISD-SC6550D-4CVL

- Tunnel size: 650 mm(W)x500 mm(H)
- X-ray generator: 160 KV 1.2 mA (Adjustable)
- Dual energy type
- Dual view
- AI support detection
- 4 Cameras for person & baggage videos
- 3 Moving speeds function, 0.2, 0.3 or 0.4 m/s
- Fingerprint fast login



ISD-SC100100S-4CVL

- Tunnel size: 1000 mm(W)x1000 mm(H)
- X-ray generator: 160 KV 1.2 mA (Adjustable)
- Dual energy type
- AI support detection
- 4 Cameras for person & baggage videos
- 3 Moving speeds function, 0.2, 0.3 or 0.4 m/s
- Fingerprint fast login



ISD-SC100100D-4CVL

- Tunnel size: 1000 mm(W)x1000 mm(H)
- X-ray generator: 160 KV 1.2 mA (Adjustable)
- Dual energy type
- Dual view
- AI support detection
- 4 Cameras for person & baggage videos
- 3 Moving speeds function, 0.2, 0.3 or 0.4 m/s
- Fingerprint fast login

Walk-Through Metal Detector



ISD-SMG1112L

- Support 12 detection zones
- Networking function
- 7-inch color LCD screen
- 999 Level of sensitivity adjustment
- 2 Relay alarm outputs
- Support people counting



ISD-SMG1118L

- Support 18 detection zones
- Networking function
- 7-inch color LCD screen
- 999 Level of sensitivity adjustment
- 2 Relay alarm outputs
- Support people counting



ISD-SMG533L

- Support 33 detection zones
- High sensitivity to metal items
- 7-inch Color LCD screen
- Ultra-low detection height
- Support networking
- 30 Pre-loaded settings

Millimeter Wave Security Inspection System



ISD-SMW1701S-C

- 29-inch LCD dual screen both in the front and rear
- Advanced millimeter wave imaging technology
- 2 mm detection resolution, accurate and reliable
- Single detection time ≤ 4 s
- Detect surface metals and non-metallic prohibited items, without ionizing radiation
- AI-enabled detections for increased operational efficiency

AUDIO AND SENSING

► Acoustic Imager

Hikvision's Acoustic Imager combines microphone arrays and camera components to convert sounds into dynamic visual maps, facilitating rapid identification of problem areas.

Leak and discharge detection

Accurately localize air or gas leaks or discharges, with an error margin not exceeding 1°.

Continuous monitoring and remote maintenance

Enable remote 24/7 monitoring, operation, and maintenance of devices with mobile cloud image alerts.

Broad frequency coverage

Cover broad frequency range (5 kHz to 72 kHz) including inaudible sound frequencies, while eliminating background noise.

Seamless system integration

Easily managed through HikCentral platforms for comprehensive control.

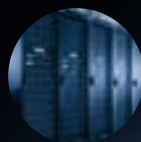
Application Scenarios



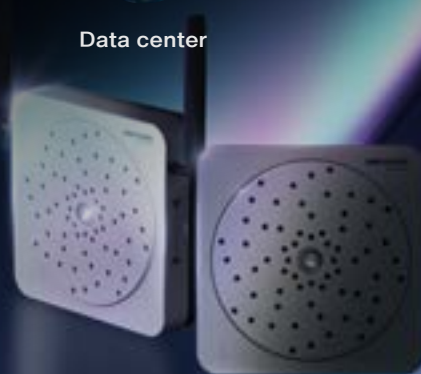
Electric power industry



Petrochemical industry



Data center



► Fiber-Optic Vibration Sensing System

Hikvision's optical fiber products use light waves and optical fibers to detect and respond to environmental changes precisely.

Ultra-long distance & Meter-level localization

± 5 m positioning accuracy within a range of tens of kilometers.

Safe 24/7 monitoring

Safe from fire and explosions, insulated from electricity, adaptable in tough conditions, immune to electromagnetic interference, and 24/7 monitoring.

High accuracy

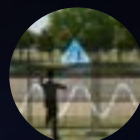
Reduce false alarms and improve maintenance efficiency with DAS (Distributed Acoustic Sensing) algorithm and deep learning.

Linkage with video security system

Dual protection by adding to any security system in perimeter protection scenarios.

Application Scenarios

Substation valve rooms, airports, industrial parks, energy stations, railway lines, long-distance pipelines, electrical utilities, high-speed guardrails, etc.



Anti-intrusion



Anti-breakage



AUDIO AND SENSING

Acoustic Imager



DS-QAAI264G1-P

- High-accuracy localization of faults within 1 °
- Ultra-wide frequency from 5 KHz to 72 KHz
- Free selection of the localization frequency range
- 24/7 real-time monitoring
- 50-meter detection distance for outdoors

Network Speakers



DS-QAZ1325G1T-E

- Rated Power: 25 W
- Max. Acoustic Pressure: 124 dBSPL
- Frequency Response: 100 Hz to 20 kHz
- Support live/scheduled/alarm/emergency broadcasts
- Support 2-way audio



DS-QAZ1310G1T-E

- PoE-in port×1, PoE-out port×1
- Max. Acoustic Pressure: 121 dBSPL
- Frequency Response: 100 Hz to 20 kHz
- Support live/scheduled/alarm/emergency broadcasts
- Support 2-way audio

Fiber-Optic Vibration Sensing Server



DS-QFV0502

- Dual channel detection, with each channel covering up to 5 km
- Metre-level localization with an accuracy of ± 5 m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection



DS-QFV1002

- Dual channel detection, with each channel covering up to 10 km
- Metre-level localization with an accuracy of ± 5 m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection



DS-QFV5002

- Dual channel detection, with each channel covering up to 50 km
- Metre-level localization with an accuracy of ± 5 m
- High accuracy with deep learning algorithm
- 24/7 safe and adaptive monitoring
- Interact with the CCTV system for perimeter protection

HIKCENTRAL PROFESSIONAL

Versatile security in one platform

What is HikCentral Professional

HikCentral Professional – **Hikvision's security management software** – helps professionals tackle various security obstacles on a single platform.

It allows easy management of video security, access control, alarm detection, attendance, and more. Optimize your day-to-day security operations with this software in various scenarios.



Why choose HikCentral Professional

Trusted by customers in
200+
countries & regions

Connect to over
6,000,000
security devices



Easy and Simple

- Light but powerful software simplifies installation & maintenance
- Friendly wizards and visualized design



Flexible Scenario Adjustment

- Applications for diverse business needs
- Flexible deployment for various applications



All-in-one Management

Manage multiple systems in one platform with ease in a connected and interactive way

OpenAPI

Openness

The open architecture design and a series of adaptive OpenAPI interfaces permit easy integration with third-party systems and hardware

How to benefit from HikCentral Professional

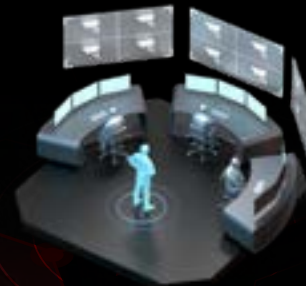
Powerful & Intelligent Video and Access Control as Core

Intelligent Video

- A truly unified video management system
- Fluent View
- Reliable Storage
- Quick Search

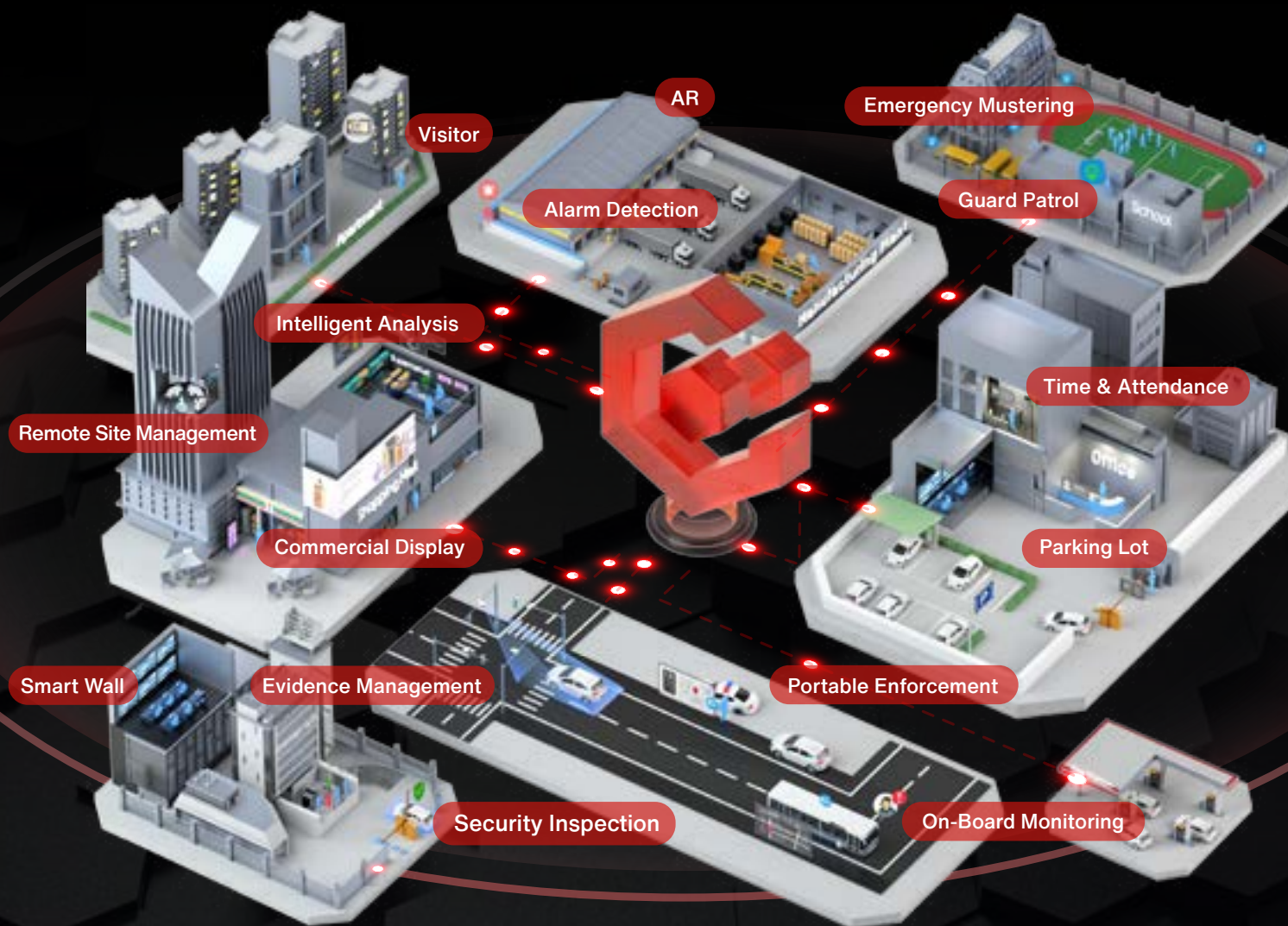
Access Control

- To better manage residents & personnel and protect properties
- Multi-credential Access
- Permission Control
- Real-Time Issue Handling



Rich Add-on Products Unlocking Various Industrial Applications

More applications are coming soon!



HIKCENTRAL VMS SERVERS

HikCentral-Workstation



HikCentral-Workstation/HW5L/32Ch

- HW7LCPU: i7-12700
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Operating System: Win 10 IoT
- Hardware Decoding: Up to 32ch 1080p
- HCP License: 32 CH Video Management / 4 CH Access Points
- Supports direct expansion of licenses
- 3-year global platinum service



HikCentral-Workstation/HW7L/32Ch

- HW7LCPU: i7-12700
- Memory: 8GBx2
- Hard Disk: 1TB SSD
- Operating System: Win 10 IoT
- Hardware Decoding: Up to 32ch 1080p
- HCP License: 32 CH Video Management / 4 CH Access Points
- Supports direct expansion of licenses
- 3-year global platinum service

HikCentral Professional Server



HikCentral-P-VSS-Base/HW/64Ch

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID_1)
- Storage Controller: H355
- Operating System: Winserver 2019
- HCP License: 64 CH Video Management
- Supports direct expansion of licenses
- 3-year global platinum service



HikCentral-P-VSS-Base/HW/300Ch

- CPU: E-2324G
- Memory: 16GB
- Hard Disk: 1T 7.2K SATA×2(RAID_1)
- Storage Controller: H355
- Operating System: Winserver 2019
- HCP License: 300 CH Video Management
- Supports direct expansion of licenses
- 3-year global platinum service

Products and License Reference

HikCentral VMS Servers	HikCentral-Workstation/ HW5L/32Ch		HikCentral-Workstation/ HW7L/32Ch		HikCentral-P-VSS-Base/ HW/64Ch		HikCentral-P-VSS-Base/ HW/300Ch	
Features	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion	Pre-activation	Maximum capacity expansion
Video Management	32	128 ^[1]	32	256 ^[2]	64	3000 ^[3]	300	3000 ^[3]
Access Control	4	16 ^[0]	4	32 ^[0]	—	1024 ^[0]	—	1024 ^[0]
ANPR Cameras	—	16 ^[1]	—	32 ^[2]	—	1024 ^[3]	—	1024 ^[3]
Facial & Body Recognition	—	16 ^[1]	—	32 ^[2]	—	3000 ^[3]	—	3000 ^[3]
Lanes of Entrance & Exit	—	16	—	32	—	40	—	40
Indoor Station	—	16	—	32	—	5000	—	5000
Alarm Panel	—	16	—	32	—	1024	—	1024
Attendance	—	✓	—	✓	—	✓	—	✓
Smart Wall	—	—	—	✓	—	✓	—	✓

• [0] The total number of channels for doors and outdoor stations.

• [1] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 128.

• [2] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 256.

• [3] The total number of channels for video management, ANPR cameras, and cameras with facial & body recognition is 3000.

HIK-CONNECT for Teams

Scalable security anytime and anywhere

Hik-Connect is a unified security cloud solution designed for both residential and business use. Hik-Connect for Teams is specifically tailored for SMBs and enterprise users. It is an all-in-one solution that integrates video, access control, attendance, intercom, alarm, onboard monitoring and more. It's ideal for applications like retail chains, offices, communities, and alarm receiving centers (ARCs).



NO NEED
for servers

 **Hik-Connect 6**
for Teams

Video Management



- Organize **multiple locations** in groups
- Efficient video search & playback
- Allow for multiple screens

Access Control & Attendance



- Complete access control management at your fingertips
- **Unlimited** doors & personnel capacity
- GPS-based mobile attendance for clocking

Intercom Communication



- No time-consuming wiring required
- Two-way audio via direct door-to-app calling
- Mobile-based temporary pass assignment

Onboard Monitoring

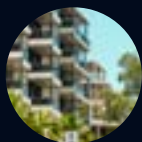


- Manage **driver-related events** with detailed reports
- Monitor vehicles timely & get instant alarms
- Improve fleet management with exportable, multi-aspect report

Application Scenarios



Chain Stores



Communities



Offices



Construction Sites



Alarm Receiving
Centers

Hikvision AIoT Product Family-2024

Network Cameras



Turbo HD Cameras



Thermal Products



Audio & Sensing



Radar



Inspection



Intercom



Access Control



Alarm



Entrance & Exit



Commercial Display



ITS



Onboard Security



Portable



LAN

Storage & Computing



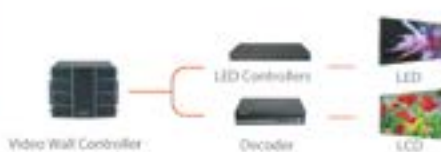
Networking



Centralized Management



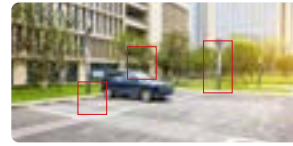
Video Wall



PERIMETER PROTECTION SOLUTION

First Line Security,
Fast and Accurate

Pain Points



High false alarm rates due to object identification difficulties



Environmental interferences cause false or missed alarms



Normal security measures cannot cover long perimeters

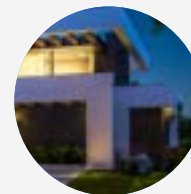


No alerts to deter intruders during events

Solution Introduction

Perimeter protection serves as the first line of security against unauthorized intrusions.

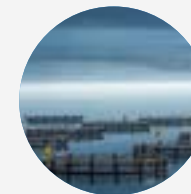
Hikvision's customized Perimeter Protection Solutions ensure suitability for different scenarios. Users can choose the perfect match for their specific perimeter needs.



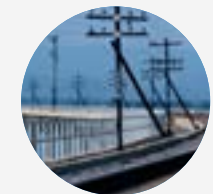
Video Solution



Thermal Imaging Solution



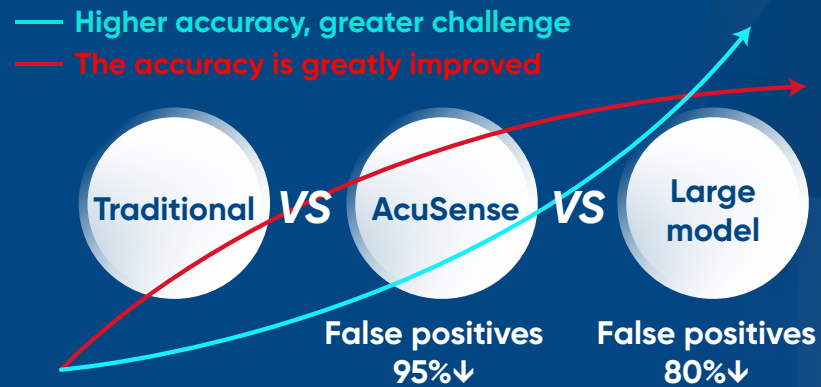
Radar Solution



Fiber-Optic Vibration Sensing Solution

Video Solution

Hikvision's Perimeter Protection Solution uses deep learning technology to accurately detect person and vehicle intruders 24/7. It features on-site light and sound to deter intruders, and AI-powered post-investigation with filters to identify targets of interest swiftly.



High accuracy

- 80% fewer false alarms than AcuSense with large model algorithm
- Highly adaptable to different scenarios
- Single deployment offers high-precision alerts instantly



Powerful evidencing

- 24/7 colorful HD imaging
- Quick person/vehicle target search



Real-Time response

- Deter intruders during events
- Provide visual and audible warnings
- Highly efficient in handling real alarms

Thermal Imaging Solution

Hikvision thermal imaging offers a comprehensive view of the surroundings, even in poor lighting or weather conditions. Thermal cameras can detect far-away objects, making them ideal for outdoor settings like perimeter protection. With advanced deep learning capabilities, they can accurately identify people and vehicles.



Superior environmental adaptability

Use heat radiation to see in the dark, foggy, or snowy conditions.



Extended distance

Cover greater distances based on self-developed movement technology.

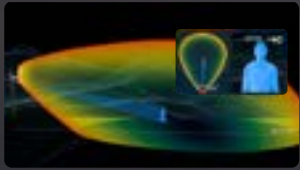


Ultra high accuracy

The distillation model enhances Video Content Analysis (VCA) by training a large model to drive a smaller one in accurate person/vehicle classification, reducing false alarms from light changes and animals.

Radar Solution

Hikvision's security radar provides reliable monitoring 24/7 in any weather, covers vast areas spanning kilometers, and integrates seamlessly with PTZ cameras. With advanced AI analysis and target classification, it can detect intruders with even greater precision.



Broad-spectrum, long-range multi-target 3D detection

- Detect and track up to 32 targets like persons, vehicles, and ships over wide areas.
- Provide detailed 3D information (speed, distance, angle) on each target.



PTZ camera integration for AI-enhanced identification and classification

- Enable precise tracking and identification of targets with zoom and feature capture.
- Use deep-learning for accurate object classification, reducing false alarms.



Environmental adaptability

- Resistant to environmental interference such as lighting conditions, rain, snow, fog, dust, etc.
- Meet IK10, IP67, and NEMA 4X standards for durability and resilience.

Fiber-Optic Vibration Sensing Solution

Hikvision's fiber-optic vibration sensing solution uses DAS (Distributed Acoustic Sensing) technology to detect sound waves. With AI, it distinguishes real threats from false alarms and provides early security warnings. It can also link with video cameras for a visual review.



Ultra-long distance & meter-level localization

±5 m positioning accuracy within a range of tens of kilometers.



High accuracy

Intelligent intrusion detection and false alarm reduction with DAS algorithm and deep learning.



Safe 24/7 monitoring

Safe from fire and explosions, insulated from electricity, adaptable in tough conditions, immune to electromagnetic interference, and 24/7 monitoring.



Linkage with video security system

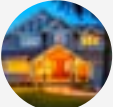
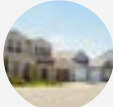

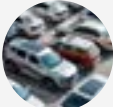

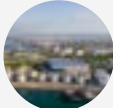
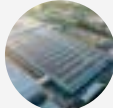
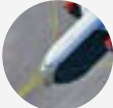

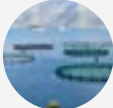
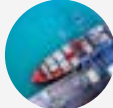
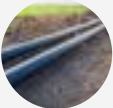
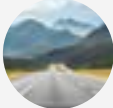
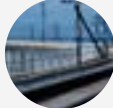
Dual protection by adding to any security system in perimeter protection scenarios.

How to Choose the Right Perimeter Solution?

Recommend using PTZ or thermal PTZ for enhanced multi-dimensional sensing

	Video Solution	Thermal Imaging Solution	Radar Solution	Fiber-Optic Vibration Sensing Solution
Core value	<ul style="list-style-type: none"> Low cost Easy setup Visualization 	<ul style="list-style-type: none"> Easy setup High environmental adaptability 	<ul style="list-style-type: none"> Long range, full coverage, wide angle Detect both perimeter and internal scenes 	<ul style="list-style-type: none"> Detect up to 100 km per server Work off-grid, resistant to electromagnetic interference Flexible installation, including underground
Range/area	Short/medium/long range, up to 2 km per camera, wide coverage	Short/medium/long range, up to 10 km per camera, wide coverage for short range, narrow coverage for long range	Short/medium/long range, up to 10 km full-range coverage per device, up to 120° wide coverage	Long/ultra-long range, up to 100 km per server, narrow coverage due to touch alarm
Environmental adaptability	Medium Subject to weather interference	High Not affected by weather and electromagnetic interference	High Not affected by weather	High Not affected by weather and electromagnetic interference
Installation	Easy	Easy	Easy	Scenario-dependent
Cost	Low	Medium	Medium	High
Object information	Detection, identification, comparison	Detection and identification (persons, vehicles, and ships)	Detection, tracking, speed, distance, direction, identification with video (persons, vehicles, and ships)	Detection and positioning Identification with video
Recommended application	General perimeter, such as villas, residential areas, office parks, parking lots, etc	Ideal for high-security sites: high-end residential buildings, large parks, solar plants, and key industrial facilities.	Ideal for high-security sites: large parks, solar plants, mariculture, mines and other large open areas	<ul style="list-style-type: none"> Critical/restricted zone Fenced perimeter covering vast distance Off-grid area without power or internet access (use alone)

Recommended Application

	Recommend using PTZ or thermal PTZ			
	Video Solution	Thermal Imaging Solution	Radar Solution	Fiber-Optic Vibration Sensing Solution
General Perimeter  Villas  Residential Areas  Office Parks  Parking Lots	✓	✓	✓	
High-security Locations  Solar Farms  Critical Infrastructure  Factories  Airports  Energy  Mariculture  Ports	✓	✓	✓	✓
Restricted Areas with Physical Fencing or Buried Facilities  Pipelines  Highway  Railway Lines				✓

Recommended Products

Video Solution



DeepinView Series with Large Model

iDS-2CD7A46G2/V-IZHS(Y)
iDS-2CD7A86G2/V-IZHS(Y)

- Industry-leading video performance
- Large model
- DarkFighter



DeepinMind AI Box with Large Model

iDS-6704NXI-S/T

- 4-ch 4 MP perimeter protection with large model
- Pre-installed 1TB SSD for video and picture storage
- Alarm in/out: 4/4
- Support analog audio output
- -30° C ~ 65° C



DeepinMind M Series NVR with Large Model

iDS-9632NXI-M8/X

- 32-ch large model perimeter protection with AcuSense IP camera
- Incoming/outgoing bandwidth: 320 Mbps / 400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity



TandemVu PTZ

DS-2SF8C442MXG-ELW/26(F0)

- Big pictures and details in one view
- Smart-linkage
- Deep learning intelligence
- Live guard



Ultra Series with DarkFighterS

DS-2CD3646G2HT-LIZSY
DS-2CD3T46G2H-LISU/SL

- Professional video security performance
- AcuSense technology
- DarkFighterS



M-VPro Series NVR

DS-9632NXI-M8/VPro

- 32-ch self-learning perimeter protection with AcuSense IP camera
- Incoming/outgoing bandwidth: 320 Mbps / 400 Mbps
- Up to 2-ch@32 MP/32-ch@1080p decoding capacity

Thermal Imaging Solution



TandemVu Thermal PTZ

HM-TX3840-25/G0/T1

- Up to 250 m person VCA distance
- PT help track and double-check objects to reduce false alarms
- Strobe light and audible warning



Panoramic Scanner

HM-TD71C8-75/W

- 360° panorama view
- Up to 1.5 km person VCA distance
- Link PT for double-check



Bi-spectrum Thermal Sphere PTZ

DS-2TD95C8-300ZK2FL/W

- Up to 2 km person VCA distance
- 1280*1024 high resolution
- Fast and accurate smart tracking

Radar Solution

Recommend using PTZ or thermal PTZ



DS-TDSB0G-FK

- Detection range: Person: up to 500 m, vehicle: up to 1 km
- K-band, FMCW
- Detection angle: Horizontal 120°, vertical 30°



DS-TDSB0G-FX/1km
DS-TDSB0G-FC/2km

- Detection range: Person: up to 1800 m, vehicle, boat: up to 3 km
- X-band, FMCW
- Detection angle: Horizontal 90°, vertical 30°/18°



DS-TDSB0W-FC/5km

- Detection range: Vehicle/boat: up to 5 km
- C-band
- Detection angle: Horizontal 90°, vertical 18°

Fiber-Optic Vibration Sensing Solution

- Using with large model DeepinMind NVR for reviews
- Recommend using with PTZ or thermal PTZ



Fiber-Optic Vibration Sensing System

DS-QFV5002

- Dual channel detection, each channel up to 50 km
- Metre-level localization of ± 5 m
- High accuracy with deep learning algorithm

Combined Products



Network Horn Speaker Audio Linkage Alarm

DS-QAZ1307G1T-E
DS-QAZ1325G1T

- Max. Acoustic Pressure: 121-124 dB SPL
- Support live/scheduled/ alarm/emergency broadcast
- Support 2-way audio
- TTS (Text-To-Speech)
- IP67 protection



HikCentral Professional

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

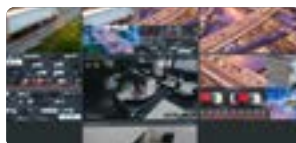
LED VIDEO WALL MONITORING SOLUTION

Professional display solution for security management

Pain Points



Low display quality



Insufficient control functions



Unfriendly user experience

Solution Introduction

Hikvision video wall monitoring solution features centralized CCTV management that merges video streams onto a seamless LED display, offering both ease of use and powerful functionality.



Seamless splicing and display

- Seamless splicing enables a boundless view
- Inner-curved screens are tailored for spacious rooms



Easy operation for better experience

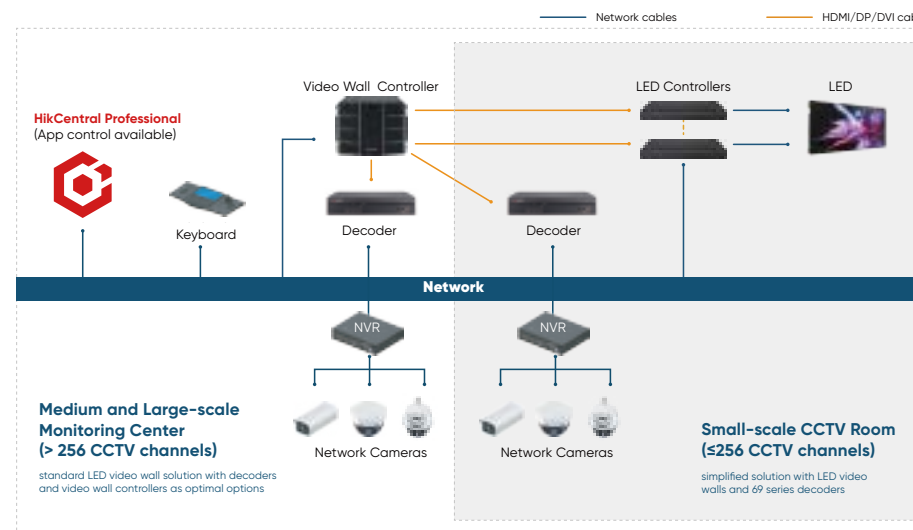
- Versatile controls elevate user experience: web portal, PC client, and mobile App



Powerful functions and control

- Both CCTV signals and PC programs are easily projected onto the video wall

Application Scenarios



Product Portfolio



69(C) Series Decoders

DS-6916UDI(C)

- Up to 256×720P@30Hz decoding



C30S series video wall controller

DS-C30S-S23

- Mixed slot inserting



Ultra/Solid Series LED

DS-D4009BW-2FC

- Min. P0.9
- Optional COB/SMD/HOB/FOB



P Series LED Controller

DS-DT60P-02HDI20NO/U

- 3-in-1: LED basic configuration, information releasing, video wall management



HikCentral Professional

License: HikCentral-P-VSS/Base, HikCentral-P-VSS-1Ch

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

IN-STORE BI SOLUTION

Maximizing business with data-based fine management

Pain Points



Difficult to measure
operational effectiveness



Busy hour service quality
not satisfying

Solution Introduction

Hikvision In-Store Business Intelligence (BI) Solution assists business operations with AI video analytics. With this solution, you can easily track the number of people in an area, their movements, congregations, and peak occupancy periods. This information can be used to plan, take action, and enhance efficiency and services.



Operation optimization

- **Walk-in Rate:** Keeps you informed about the percentage of passersby who enter your store.
- **Queue Management:** Tracks how many people are queuing and how long they've been waiting.



Layout optimization

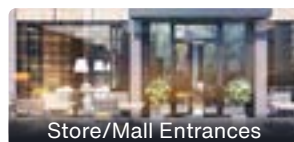
- **Flow Analysis:** Analyzes the common paths customers take in your store.
- **Heat Map:** Shows the most visited shelves in warmer colors to help you optimize merchandising.



Operation status checking

- **Multidimensional Statistics & Analysis:** Provides comprehensive data services to help you compare and understand the effectiveness of strategies and initiatives across time and locations.

Application Scenarios



Store/Mall Entrances



Cashiers and Service Kiosks



Shopping Areas

Product Portfolio



DeepinView-Series Multi-Intelligence Cameras

iDS-2CD75x6G2-IZHS(Y) iDS-2CD71x6G2-IZ(H)S(Y)(1T)
iDS-2CD75x7G0-XZHS(Y) iDS-2CD71x6G0-IZ(H)S(Y)

- Powerful tilted-view people counting, various rules supported
- Staff and repetitive entries exclusion
- VIP notification



Dual-Lens People Counting Cameras

DS-2CD6825G0/C-IVS
DS-2CD6825G0/C-IS

- Highly accurate vertical-view people counting
- Applicable for wide-door and high-ceiling scenarios



Pro-Series PTZ Dome Cameras

DS-2DE4A225IWG-E

- Built-in queue mgmt. & perimeter protection
- Intelligent rules setting for each preset position



DeepinView-Series Fisheye Camera

DS-2CD63C5G1-IVS
DS-2CD63C5G1-S/RC

- Up to 360° coverage, 12 MP UHD
- Built-in people management AI algorithm



HikCentral Professional

- Unified, centralized management
- Multi-camera, multi-store visualized business operational statistics report

AR LIVE INTERACTION SOLUTION

A new way to see and manage

Pain Points



Long camera list



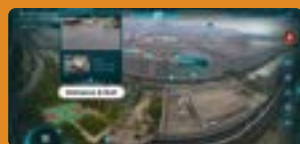
Huge video walls



Static GIS map

Solution Introduction

Hikvision's AR Live Interaction Solution offers an immersive and interactive management experience that delivers outstanding visibility and enhances user awareness beyond their physical senses. Integrating AR cameras enhances monitoring capabilities, providing a new way to see and manage.



Interactive UI, instant control

- Streamlined UI with live view, interactive overlays for access control, entrance & exit tags—get real-time person & vehicle information and manage their access, all in one place.



Swift handling of security events

- Improve efficiency through almost instant security incident response.
- Faster awareness brings greater security.



Access any location with just one click

- Get a bird's-eye view on the live map, and say goodbye to the camera list and static map.
- Easily filter and click on specific locations for more details as you track through picture-in-picture mode.

Application Scenarios

Large-scene monitoring

Installed at an elevated position, the AR camera offers an expansive view of the surroundings and the ability to zoom in on specific locations.



Manufacturing Plants



Schools



Construction Sites

Small-to-medium scene monitoring

Monitor the core areas with a comprehensive view and attention to critical details such as entries and exits of persons and vehicles.



Traffic Arteries



Entrances & Exits



Warehouses

Product Portfolio



TandemVu PTZ

DS-2SF8C442MXG-ELW/26(F0)

- Captures large areas and sharp details at the same time
- High quality imaging in both bullet and PTZ channels



PanoVu Network Camera

DS-2CD6984G0-IHSY

- 180° image stitching to present all scenes covered by the camera
- Vertical FOV up to 95°C, truly ensures an ultra-wide panoramic coverage



Panoramic & PTZ Camera

DS-2DP8A440IXG-LF/832(F0)(B)

- High quality imaging with 32MP resolution, up to two panoramic channels of 5520 x 2400 @ 30 fps
- Excellent low-light performance with DarkFighter technology



HikCentral Professional

License: HikCentral-P-VSS/Base, HikCentral-P-VSS-1Ch

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

PPE DETECTION SOLUTION

Smart detection ahead of the risks

Pain Points



High manual inspection costs



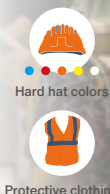
After-event accountability and delayed intervention



Inconsistent compliance leads to potential safety risks

Solution Introduction

Hikvision leverages cameras and AI-powered analytics to inspect safety compliance and risks in work activities. A camera detects whether a staff person is wearing a hard hat or a protection vest/jacket, then triggers an alarm when someone is detected without one. The cameras also support detecting hard-hat colors.



Hard hat colors

Protective clothing



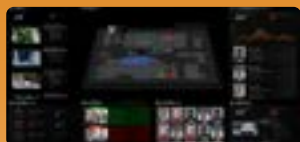
Real-time detection

The camera monitors and detects non-compliance with workplace health and safety guidelines in real time.



In-time intervention

Allow for immediate intervention, corrective actions, or reminders, ensuring safety protocols are followed consistently.



Safety statistics

An overview of the critical metrics of safety compliance helps organizations reduce the risk of accidents and injuries.

Application Scenarios

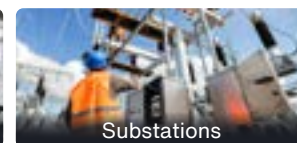
The solution applies to industrial settings where protective wear is necessary to ensure worker safety.



Construction Sites



Manufacturing Plants



Substations

Product Portfolio

DeepinView-Series Cameras with AIOP



iDS-2CD71x6G0-IZ(H)S(Y)
· 8-in-1 intelligence, support AIOP

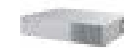


iDS-2CD7Ax7G2-XZHS(Y)
· DarkerFighter 2.0
· AIOP, HEOP, 8-in-1 intelligence, simultaneous dual AI

DeepinMind-Series NVRs with AIOP



iDS-6708NXI-M1/AI:
Up to 4-ch PPE detection
· Max. 8-ch IP camera inputs
· Incoming / outgoing bandwidth: 128 Mbps / 256 Mbps
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity



iDS-6716NXI-M1/AI:
Up to 8-ch PPE detection
· Max. 16-ch IP camera inputs
· Incoming / outgoing bandwidth: 256 Mbps / 256 Mbps
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity



iDS-9632NXI-M8/AI: Up to 8-ch PPE detection
· Max. 32-ch IP camera inputs
· Incoming / outgoing bandwidth: 320 Mbps / 400 Mbps
· Up to 2-ch@32 MP/32-ch@1080p decoding capacity

Note: Choose either a camera or an NVR for PPE detection of hard hats or protection vests.

AI Training Platform



DS-IN4002-B4U/AI
· Privatized deployment
· Low learning cost
· Fast application

Note: Choose the platform to train algorithms for further PPE detection requirements, such as the detection of dust-proof caps, suits, and shoes.

ACOUSTIC IMAGER SOLUTION

Detect the Unheard, Visualize the Invisible

Pain Points

When there is device malfunction or gas leakage



Unable to detect early



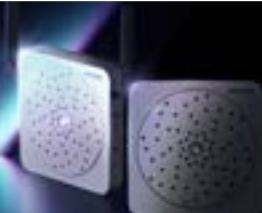
Unable to pinpoint



Large manpower and resource consumption

Solution Introduction

Hikvision's Acoustic Imager combines microphone arrays and camera components to convert sounds into visual maps, making it easier to identify problem areas quickly. It provides advanced solutions for industrial settings such as the electric power and petrochemical industries, ensuring safe and efficient operation.



Leak & discharge detection

Locate air or gas leaks with less than 1° error margin.



Broad frequency coverage

Capture 5kHz to 72kHz sound and remove background noise.



Continuous monitoring and remote maintenance

24/7 device monitoring with mobile cloud image alerts.



Seamless system integration

Easily managed through the HikCentral platform.

Application Scenarios



Electric power industry

Partial discharge detection, electrical equipment fault diagnosis, etc.



Petrochemical industry

Partial discharge detection, electrical equipment fault diagnosis, etc.



Data center

Partial discharge detection, electrical equipment fault diagnosis, etc.

Product Portfolio



64 Mic Acoustic Imager

DS-QAAI264G1-P

- High accuracy localization of faults within 1°
- Ultra-wide frequency from 5 KHz to 72 KHz
- Free selection of the localization frequency range
- 24/7 real-time monitoring
- 50-meter outdoor detection distance



HikCentral Professional (V2.5.1)

**License: HikCentral-P-VSS/Base
HikCentral-P-VSS-1Ch**

- Elaborately simple
- Flexible scenario adjustment
- Connected and interactive applications

INDUSTRIAL TEMPERATURE MEASUREMENT SOLUTION

Secure quality continuously

Pain Points



High maintenance costs



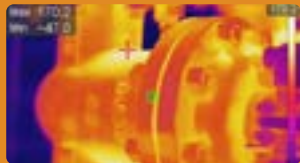
Equipment downtime



Inefficient management

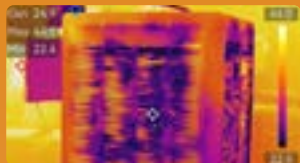
Solution Introduction

HIKMICRO leverages sensing technologies, such as sound, pressure, and vibration, for defect detection and early warnings in manufacturing inspections.



Real-time temperature detection

Unique capabilities like locating abnormal temperature areas, over-limit alerts, and historical image analysis make it easy to identify and assess product defects.



Preventive maintenance

Thermal cameras monitor of equipment temperatures, allowing early detection of issues to virtually prevent further damage and save costs.



Energy efficiency

Regular thermal imaging for equipment condition testing detect failures early, reducing energy waste from faulty equipment.

Application Scenarios

HIKMICRO products help maintain high standards in industries including paper, food, glass, and automotive sectors, ensuring quality and safety.



Paper Manufacturing



Food Processing



Glass Production

Advanced technologies like sensors and thermography detect equipment issues, minimizing waste and enhancing safety in operations such as plasma coating and metal smelting.



Automotive Industry



Plasma Coating



Metal Smelting

Product Portfolio

Handheld Thermography Cameras



M series and G series (M60, G61H)

- Ultra high resolution(640*480) with highly sensitive detector
- Embedded LRF function available
- Up to 2000°C temperature measurement range

Thermography Cube Cameras



HM-TD3028T-Q

- MODBUS TCP for automation integration
- Temperature anomaly detection with instant alarms

Thermography Explosion-Proof Cameras



DS-2TD2537T-Q(C)

- -20-650°C temperature measurement range with $\pm 2\%$ accuracy
- IP68, NEMA 4X, ATEX/IECEX explosion-proof certification
- CNPP certificated for fire prevention

CRANE MONITORING SOLUTION

Improving safety in challenging operational environments

Pain Points



Structural damage of the equipment by vibrations



High latency leads to delayed feedback



Blurry images without proper image stabilization

Solution Introduction

Hikvision's Crane Monitoring Solution features cameras with vibration resistance, low latency, and image stabilization capabilities. They offer real-time monitoring and recording, allowing operators to watch the mechanical operations and the surrounding area at all times.



Designed to resist vibrations

A sturdy construction and reinforced components make the cameras capable of withstanding vibrations, shocks, and impacts.



Low latency

Real-time monitoring and quick decision-making are possible with minimal delay between the actual scene and the displayed image.

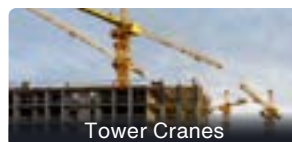


Excellent image stabilization

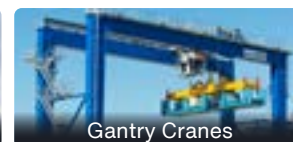
With advanced image stabilization technology, these cameras deliver smooth and clear images and videos, even in rugged conditions.

Application Scenarios

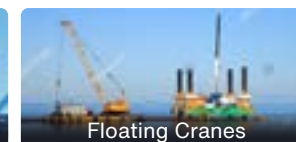
Hikvision's crane cameras can be mounted in various positions of the crane to monitor and ensure safety and security. They keep an eye on the crane's operations as well as people and vehicles nearby. Additionally, we offer anti-corrosion crane cameras designed for use in corrosive environments such as ports and coastal areas.



Tower Cranes



Gantry Cranes



Floating Cranes

Product Portfolio

Crane Cameras



NEW

DS-2XC64x5G0

- 2 MP@60 fps / 4 MP@30 fps
- Support vibration resistance
- Support low latency
- Support AcuSense
- IP68, NEMA 4X, C5-M



NEW

DS-2XC64x6G0-LIZH(R)S

- 2/4/8 MP, 2.8-12 mm / 8-32 mm / 4.8-120 mm@60 fps
- Support vibration resistance
- Support low latency
- -R: with wiper, -H: with heater
- 316L stainless-steel enclosure
- IP68, NEMA 4X, C5-M



NEW

DS-2XC64x4G0-LIZH(R)S

- 2/4/8 MP, 2.8-12 mm / 8-32 mm@60 fps
- Support vibration resistance
- Support low latency
- -R: with wiper, -H: with heater
- Aluminum-alloy enclosure
- IP68

ENVIRONMENTAL GOVERNANCE SOLUTION

Managing risks with early-stage visual alarms

Pain Points



Difficult to notice risks in the early stage



It requires effort and time to confirm the situation on-site

Solution Introduction

Hikvision provides rich products for environmental governance, such as cameras that detect water levels with the help of frequency-modulated continuous wave (FMCW) radar and cameras with a built-in global navigation satellite system (GNSS) module to provide mountain displacement alerts. These cameras offer real-time video that can be used to verify the situation remotely.



Easy deployment for rural areas

- Select cameras are compatible with solar power modules and support 4G transmission, enabling cable-free deployment in remote locations.



High-precision alarm with video verification

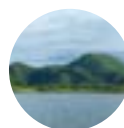
- High detection precision with radar or GNSS
- Video verification from remote without the need for on-site labor dispatch

Application Scenarios

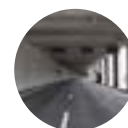
Water-level detection



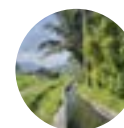
Canals or Rivers



Reservoirs



Flood-Prone Underpasses



Irrigation Systems



Sewage Treatment Plants



Debris Flows in Mountain Areas

Displacement detection



Dams



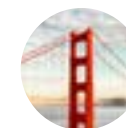
Landslide



Tailings Ponds



Dilapidated Houses



Bridges



Towers

Product Portfolio



Water-Level Detection Cameras

DS-2DF3C400SCG-D/(4G)/WL40(F1)
DS-2SF8C432MXG-WD/14(F1)
DS-2HZ3B12-Y

- Water-Level Detection PTZ with Radar: ± 1 mm accuracy, compatible with solar power modules, 4G transmission optional
- TandemVu PTZ: Applicable for locations not supporting camera-above-water installation



Water Flow Radar

STJ-AWFR50-H1A-E

- Measure water flow and level
- Velocity range: 0.03 m/s to 20 m/s
- Velocity accuracy: ± 0.01 m/s
- Include excellent anti-interference capabilities, long-term stability and exceptional penetration abilities



Displacement-Detection Cameras

DS-2DF6C404MX-D/GLT/GN/DG

- Multiple units with built-in GNSS positioning, Plane H: 2.5 mm + 0.5 ppm; Elevation V: 5 mm + 0.5 ppm
- Compatible with solar power modules, 4G transmission optional



HikCentral Professional

- Unified, centralized management
- Remote alarm handling with cross-subsystem interoperability

FIRE PREVENTION SOLUTION

Stay ahead of flames

Pain Points



Hard to find the fire's origin without video



Traditional smoke / fire sensors are often reactive, not preventative



Sensors and optical cameras offer limited short-range coverage, which is inadequate for vast outdoor areas

Solution Introduction

Hikvision's fire prevention solution leverages thermal cameras to identify temperature anomalies, allowing for early warnings on potential fire hazards, and protect lives and property.



Real-time warning

- Rapidly detects temperature anomalies in only few seconds, safeguarding your assets.



Non-contact measurement

- Monitors without disrupting normal operations.



Visualized detection

- Easily locates risk points through heat distribution visualization.

Application Scenarios

Indoor Fire Prevention

Deploy thermal cameras to trigger alarms for temperature anomalies, enhanced with forklift and sun-reflection filters to minimize false alerts.



Waste & Recycling



Warehouses



EV-charging Stations

Outdoor Fire Prevention

Tailored solutions for gas flare monitoring and forest fire detection facilitate combustion analysis and integrate with Google Maps to enhance rescue operations' efficiency.



Rooftop Solar Panels



Forest Fire Monitoring



Gas Flare Observation

Product Portfolio



HeatPro Series Thermal Camera

DS-2TD1228T-QA
DS-2TD2628T-QA

- Temperature anomaly detection with instant alarms
- visual and auditory warnings



Thermographic Speed Dome

DS-2TD4137T-W
DS-2TD4167T-W

- High accuracy $\pm 2^{\circ}\text{C}$ with -20 - 550°C
- Fire and smoke detection
- CNPP certificated



Stable Positioning System

DS-2TD8167-W

- Large-area forest fire detection
- Up to 16 km smoke detection

VEHICLE ACCESS CONTROL MANAGEMENT SOLUTION

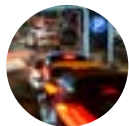
Pain Points



Different entrance and exit scenarios have varying vehicle traffic scales and management requirements, demanding comprehensive and compatible solutions



Users have diverse needs for access control management and billing schemes, requiring high flexibility and functional features in the solution



Technological advancements have led to a growing demand for the convenience and automation of access control solutions

Solution Introduction

Hikvision delivers streamlined vehicle access experiences by providing vehicle passage and fee management solutions based on license plates, cards, or tickets to meet various scenarios and user needs.



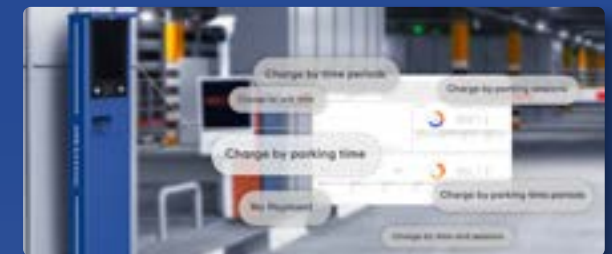
License plate-based access control

- License plate recognition, vehicle information capture and recording
- Access for authorized vehicles only



Multiple authentication options

- Multiple access control authentication options, such as license plate, card, and ticket, in order to cater to the specific needs of users



Customized billing management

Configurable parking fees for authorized vehicles and temporary guests to accommodate diverse billing requirements

Application Scenarios

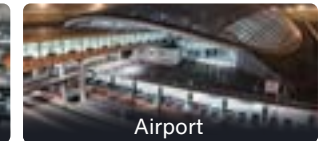
MACRO-ENVIRONMENTS



Industrial Park

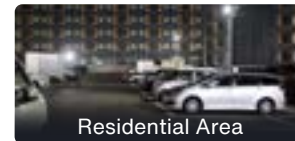


Commercial Center



Airport

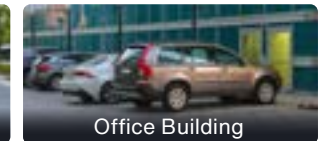
MICRO-ENVIRONMENTS



Residential Area



School



Office Building

Product Portfolio

Vehicle Detection

- ① Anti-Fall Radar ② Trigger Radar



DS-TMG034



DS-TMG034

- Anti-fall radar: detects targets and regulates movement of barrier gates
- Trigger radar: detects vehicle information and triggers the system

License Plate Recognition/Card Verification

- ③ DS-TCG406-E



DS-TMC403-EL



DS-TCG406-E

- DS-TCG406-E with deep learning algorithm provides high license plate accuracy, vehicle attribute analysis and information recording

- ④ UHF System



DS-TRI900-1/A



DS-TRC902-1/A

- Mid to long-range card verification based on radio waves
- Touch-free authentication with instant recognition

Vehicle Access Control

- ⑤

Barrier Gate



DS-TMG42X



DS-TMG52X

All-In-One E&E Manager



DS-TMC407-EHL/R

- Reliable rising/closing performance with brushless DC motor (maximum rising speed up to 0.9s)
- Variety of products to meet the specific requirements of various entrance & exit scenarios

Vehicle Access Control Management

- ⑥

Entrance & Exit Ticket Station



DS-TMT201-D DS-TMT202-D

- Authenticated users swipe their cards for passage
- Temporary users can obtain tickets (with QR code/plate number/time) by pressing the button



Information Display

- ⑦



LED Screen
DS-TVL224-4-5Y

- Displays parking information and available spaces

Charge Management

- ⑧



Payment Machines

DS-TPP427

- Supports functions for charging, changing, and printing receipts
- Enhances the efficiency of the charging process

Centralized Management

- ⑨



HikCentral Professional

- Manages vehicle lists and devices centrally
- Defines entrance and exit rules and manages charges
- Records and analyzes entrance and exit information for statistical purposes

PARKING LOT MANAGEMENT SOLUTION

Pain Points



Public parking lots have a large number of parking spaces, making it difficult to find available spaces, leading to long searches and low turnover rates



Large parking lots with multiple floors and parking spaces make it challenging to find parked vehicles



Parking lot managers face difficulties in parking fee collection, security monitoring and parking spaces management

Solution Introduction

Hikvision's Smart Parking Management Solution enhances efficient management, security, and profitability for parking operators.



Parking space management

- Real-time parking space detection and management through deep learning and video monitoring technology
- Solutions tailored to specific deployment requirements



Parking guidance

- Efficient vehicle retrieval using license plate fuzzy matching, non-plate vehicle search, and entrance time data
- Instant and convenient navigation to pinpoint the vehicle with real-time parking location display and mapping



Parking lot operation

- Parking space and vehicle monitoring
- Parking fee management
- Customized reports and traffic flow analysis

Parking Guidance management Solution

Parking Space Detection



Parking Guidance Camera
DS-TCP440-DB(ES)



Fisheye Parking Guidance Camera
DS-TCPC06

- Supports parking space detection, license plate recognition and monitoring
- Utilizes multiple LED light colors to indicate parking space status, allowing for easy identification by drivers



Available Parking Space Display & Guidance

2



Indoor LED Screen

DS-TVL121-3-5D
DS-TVL121-6-5D
DS-TVL121-9-5D

3



Entrance Information Guidance Screen

DS-TVB200

- Provides a clear display of available parking spaces to aid drivers in locating and parking efficiently

Centralized Management

4



Video Guidance Terminal

DS-TPM400-P

- Power and network access are provided for 32 nearby cameras with edge storage, local data backup, and offline parking guidance.

Vehicle Reverse Search Mgmt.

5



DS-TPW332-C

Video Guidance Terminal

- Vehicle search by enabling queries based on license plate number, space number, and parking time
- Displays the vehicle's exact position on a E-map and offers optimal route guidance to the designated parking space

On-street Parking management Solution

Parking Space Detection

1

On-Street Parking ANPR Bullet Camera



iDS-TCR803-G

- Captures the parking process through videos and images
- Ensures precise detection and capture of vehicles with vehicle target tracking
- ANPR system records the entire drive-in and drive-out process of vehicles

2

Parking Space Detection Camera



iDS-TCR204-E

- Keeps track of parking availability from a bird's-eye view
- Captures images and videos for automatic security alerts
- Monitors 50 parking spots with a user-friendly display

3

Geomagnetic Detector & Manager



DS-TDP110-S



DS-TDP210-ST

- Touchless, non-video subterranean roadside parking management
- Precise real-time identification of parking space availability
- LoRa Geomagnetic Manager Support up to 60 node access, communication distance up to 60 m

Available Parking Space Display & Guidance

4

Outdoor LED Screen



DS-TVL221-2-10P



DS-TVL222-2-10P



DS-TVL223-2-10P

- Displays available parking spaces and offers guidance



VIOLATION MANAGEMENT SOLUTION

Regulating driving practices and enhancing road safety

Pain Points



Rapidly increasing urban vehicle numbers exacerbate traffic congestion and accident issues



Growing urban travel demands compound the difficulty of traffic violation management

Application Scenarios



City Roads



Highways

Solution Introduction

Hikvision offers violation detection solutions using multi-frame recognition and vehicle tracking technology. It covers violation and vehicle information detection, data retrieval, and verification in scenarios like intersection violations, illegal parking, and speeding management.



Effective violation enforcement

- High-definition violation evidence collection and verification to improve the accuracy of off-site illegal detection systematically
- Promotion of digital law enforcement to ensure fair and transparent law enforcement



Effective traffic management

- Multi-frame recognition and vehicle tracking technology to regulate driving behaviors and reduce traffic accidents
- AI technology for customized solutions and scenario detection



Light pollution down, visibility up

- Uninterrupted monitoring in ultra-low light conditions
- Superior visibility for detailed traffic analysis



Product Portfolio

Checkpoint Camera with DarkFighterX



IDS-TCV900-FEM/25 IDS-TCV900-BI(FM)/25/H1
IDS-TCV900-FEMF/50

- High Performance GMOS Camera with 9 MP (2*1" GMOS)
- Reduced light pollution with 4 light grating to decrease LED beads and add D stray light
- Upgraded deep learning image effect for improved the color reproduction
- Powerful AI capability for ANPR and vehicle seatbelt detection for both driver and passenger seats and phone calling detection

3-in-1 Supplement Light



DS-TL3000B(-I)

- Reduced light pollution with 3 types of supplement lights intergraded into one unit: strobe light, white light and infrared light flash lights
- High power LED lights with effective distance of up to 30 m and 24 light beads
- Color temperature: 3000K (strobe light); 7000K (flash light)
- Long lifespan with service life ≥ 50000 hours

Traffic Management Server



DS-TP50-16R

- Multiple channel connection with 16 channels and up to 12 MP resolution video input
- Improved AI capability with significantly increased event capture (fallen objects from 65% to 85%)
- 4 x SATA (Each SATA interface supports up to 6TB HDD)
- Equipped with GPS, 4G and WIFI module

Speed Measurement Radar



DS-TDSB00-EMM

- Professional traffic narrow beam radar with 60 GHz MIMO technology
- High dynamic speed measurement range with a very high capture rate ($\geq 95\%$) Velocity range: 10 ~ 320 km/h, measurement accuracy: $-2 \sim 2$ km/h

HikCentral Professional/ HCM Lite



- LPR
- Vehicle attributes
- Traffic flow

INCIDENT DETECTION SOLUTION

Designed for tunnels and highways for real-time traffic incident detection, reducing road risks

Pain Points



High traffic accident rates in challenging traffic conditions result in increased operational costs



It requires effort and time to confirm the situation on-site

Application Scenarios



Solution Introduction

Hikvision's Traffic Incident Detection system is an early warning system for collecting evidence around incidents and parameters that affect vehicles and traffic safety on the road.



Earlier detection, better prevention

- Multi-functional incident detection, for abnormal road conditions, hazards, and traffic violations
- Incident management tools supporting traffic event searches, real-time mapping, and traffic event and flow statistics



Optimizing traffic management & control

- Real-time detection of road conditions and anomalies, efficient handling of incidents, and ensuring smooth efficient traffic flow



Enhanced visualization beyond sight

- Leading radar & video fusion technology, supports multi-object tracking, large detection range and high precision, unaffected by environmental conditions
- Visualization enables structural analysis of objectives
- Simultaneous acquisition of environmental data and details



Product Portfolio



8MP Radar-Video Fusion Camera
IDS-TCS802-FS

- Supports three application scenarios: tunnel, urban roads and highway
- Strong incident detection and traffic parameter collection capabilities
- Combines a professional traffic camera with an 8 MP resolution and a high-performance radar boasting a detection range of up to 200 meters



9MP Radar-Video Fusion Camera with supplement light
IDS-TCS907-FIR

- Application scenarios: tunnel, highway
- Strong incident detection (Accuracy > 90%) and traffic flow detection capabilities
- Equipped with a 9 MP GMOS camera, an 80 GHz radar with a detection range extending up to 350 meters, and a built-in supplement light



Incident Detection Edge Server
DS-TSS300-F

- Compatible with up to 4 channels of 4MP IP cameras
- Supports multiple incident detection and multiple traffic parameter collection
- 4 × 3.5-inch SATA HDD Storage (Each SATA interface supports up to 8 TB)



Incident Detection Central Server
IDS-TSS500-F

- Based on the latest Hikvision deep learning technology
- Compatible with up to 16 channels of 4 MP IP cameras
- 2 × 3.5-inch SATA HDD Storage (Each SATA interface supports up to 8 TB)



9 MP Bi-Spectrum Incident Detection Camera
IDS-TCS917-FI

- Application scenarios: tunnel, highway
- High performance camera with a 9 MP GMOS camera
- 11-40 mm motorized lens, easily adjustable
- Thermal camera with 640 * 512 high resolution
- Exceptional accuracy (>90%) in detecting up to 14 different types of incidents



HikCentral Professional/HCM Lite

- LPR
- Traffic flow
- Vehicle attributes
- Incident detection

5-YEAR WARRANTY

We Guarantee Long-Term Performance

Hikvision provides a global after-sales service network and a 5-year warranty on premium project-oriented products, ensuring reliable project maintenance and increased cost efficiency.

Refer to Hikvision's

Return Material Authorization (RMA) policy for the product warranty information in detail.



Green Manufacturing

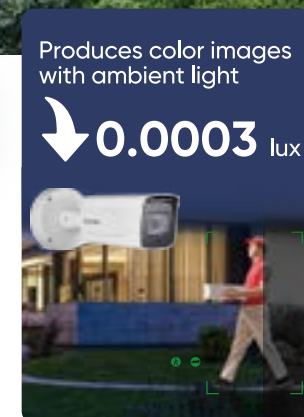
In 2022, Hikvision completed its Carbon Neutrality Blueprint and received the ISO14064 certification for Greenhouse Gas Accounting and Verification.



Green Techs & Solutions



Solar-powered video security



Sharper night vision & smarter lighting



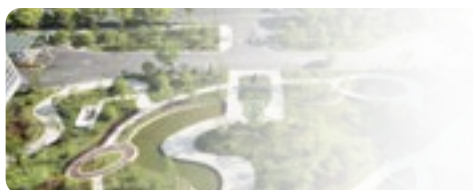
Smarter energy consumption

Our energy management system monitors energy use in various areas and floors, collects data to inform energy conservation measures, facilitates remote lighting control, and reduces power consumption by 10%.



Cloud-based R&D platform

Providing virtual machines on computing service nodes, Hikvision's R&D cloud platform cuts electricity consumption by nearly 5,000 MWh and carbon emissions by nearly 4,000 tons per year.



Sustainable water use

We control the total amount of stormwater runoff and improve the way stormwater is recycled and reused for landscape pond replenishment, road washing, sprinkler irrigation, and more in our office parks.



"Green Office" initiatives

We promote a paperless office environment. Our Office Automation (OA) system improves efficiency while making all workflows paperless, including contract signing, document sharing, internal communications, and more.

To date, Hikvision has launched more than 30 dedicated AIoT products and more than 200 deep learning algorithms for environmental protection applications.

Green Operations

Saves ⚡ to charge
2,100
per year in
low-power mode



**Maximum performance
on minimal power**

Saves ⚡
by around **45 %**



**Light up every moment
with less energy**

By increasing the efficiency per worker through automation, and using green production processes, energy-efficient equipment, RoHS 2-compliant low-carbon materials, and eco-friendly packaging, our factory has been recognized as a National Green Factory.

Cleaner energy



Photovoltaic
Power Generated in 2022
4,508 MWh



Green Energy Purchased
in 2022
32,852 MWh

Cleaner materials



Replace coated metals
with reinforced polyamides



No-paint process
to minimize VOC emissions

Cleaner packaging



Replace plastic bags with 100%
biodegradable polylactide bags
to mitigate white pollution



Replace EPE foam interior pack-
aging with cardboards to reduce
annual plastic use by 27.9 tons



Urban Waste
Management



Vehicle Emission
Reduction



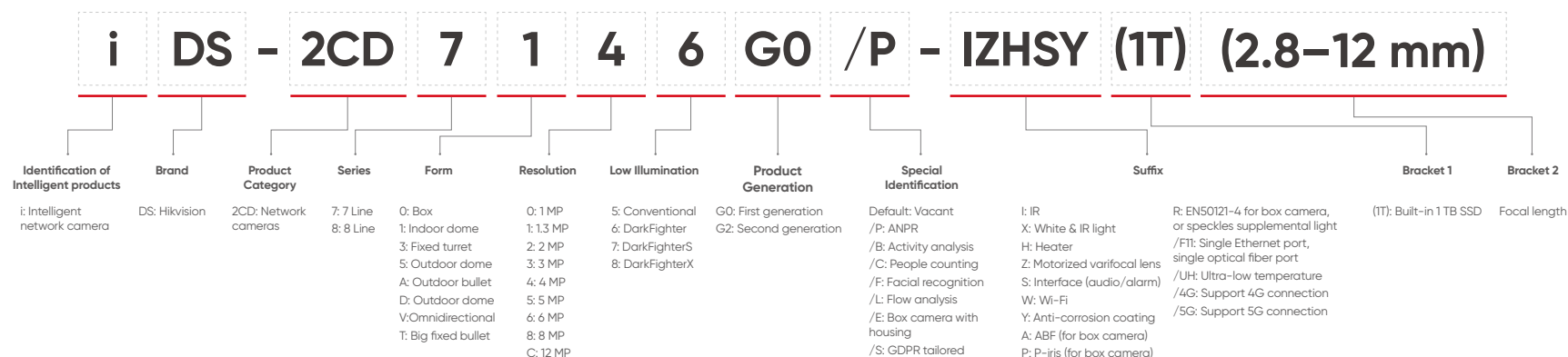
Water Quantity
Monitoring



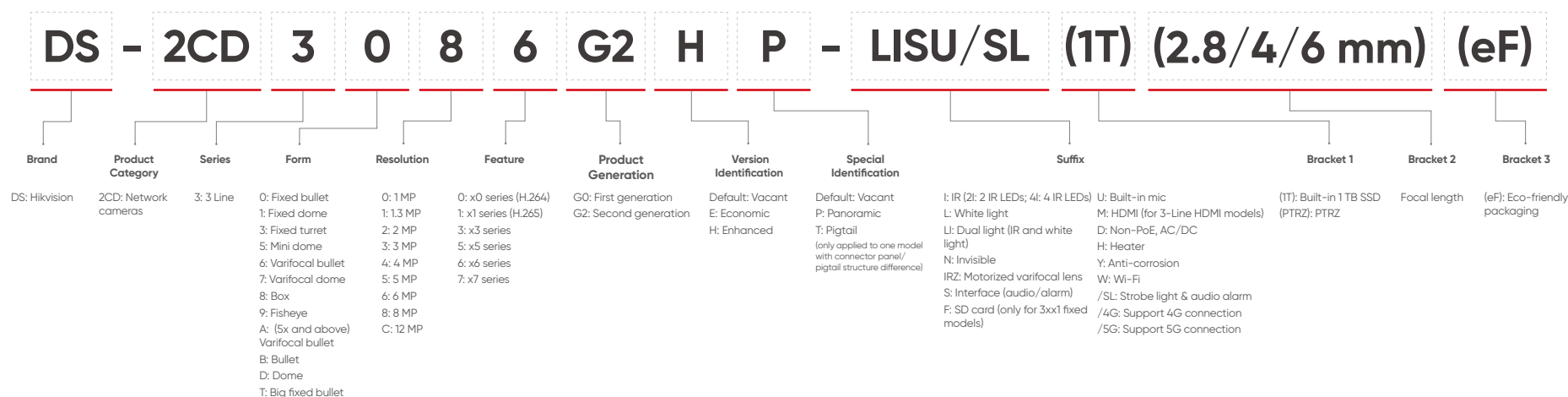
Air Quality
Monitoring

APPENDIX: PRODUCT NAMING RULES

Network Cameras – DeepinView Series

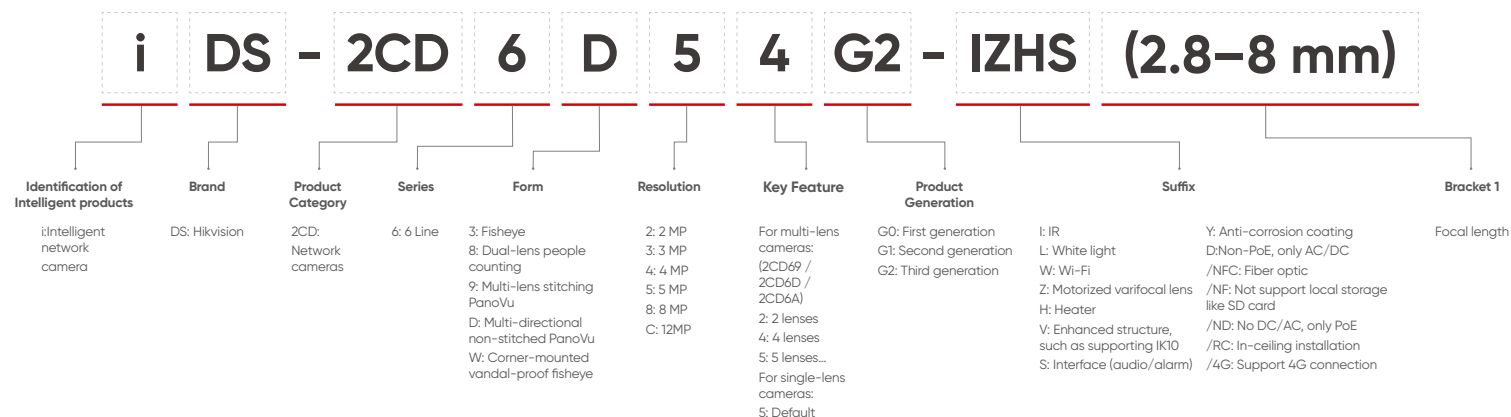


Network Cameras – Ultra Series

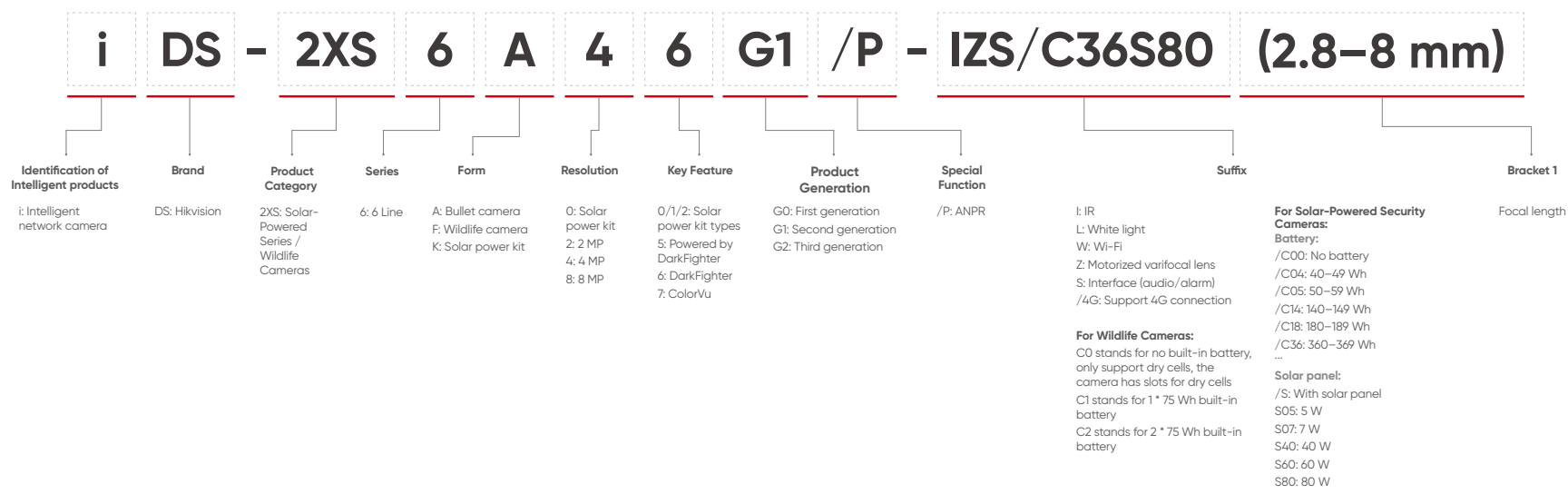


Network Cameras – 6 Line

6-Line Panoramic Series Network Cameras

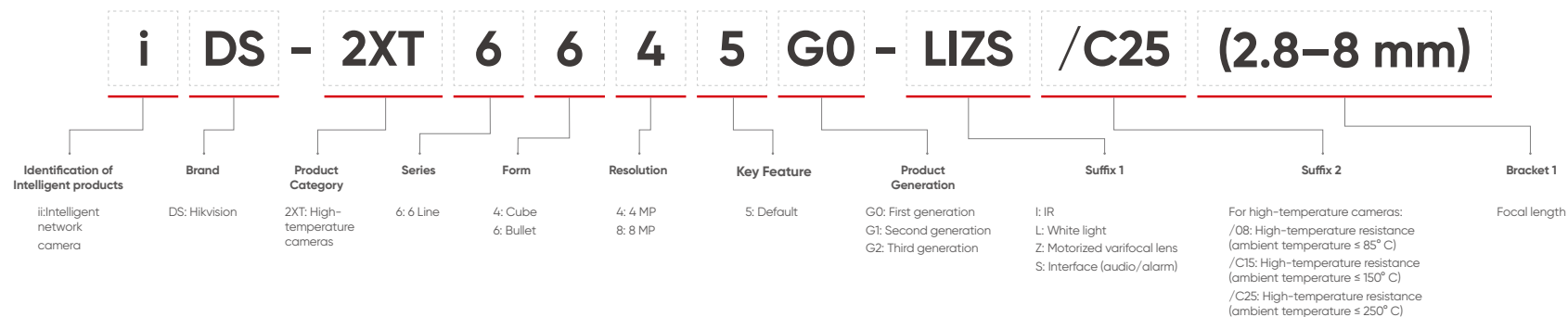


6-Line Solar-Powered Series / Wildlife Cameras

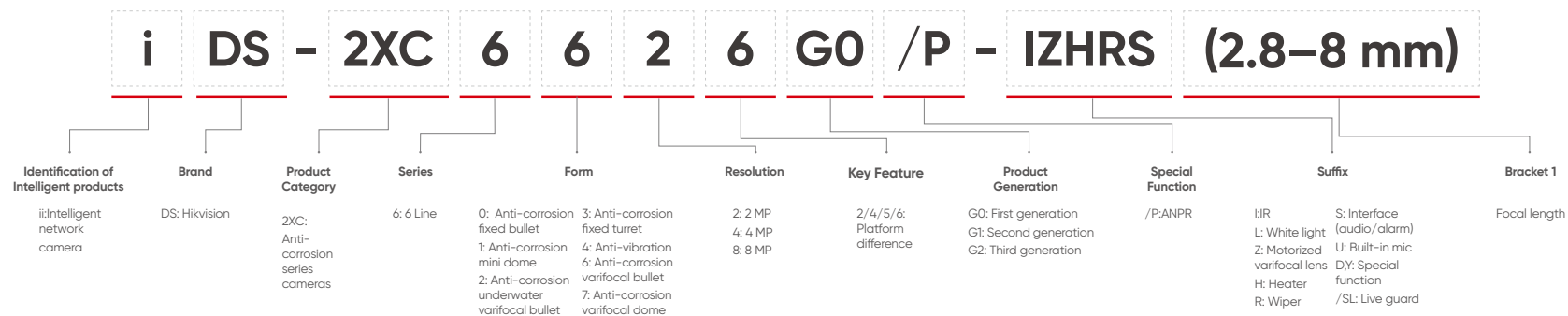


Network Cameras – 6 Line

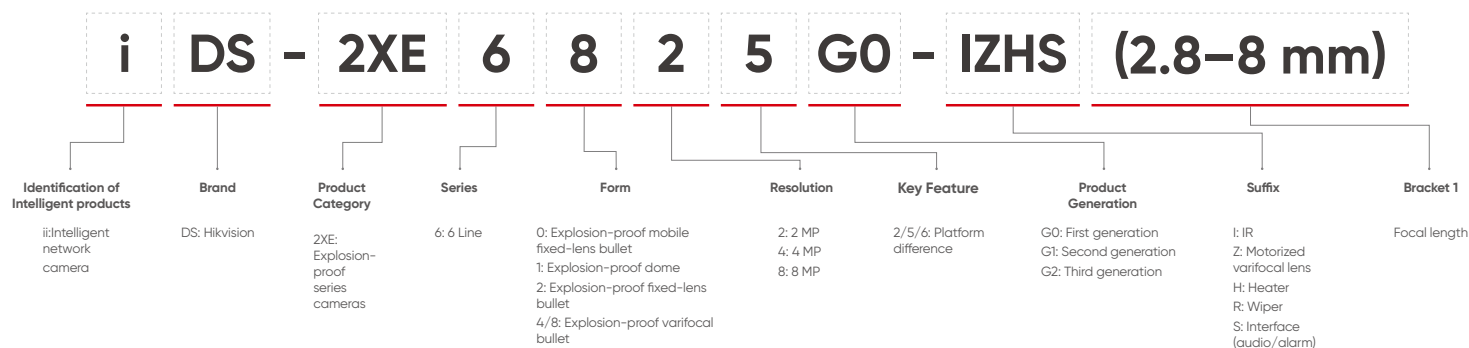
6-Line High-Temperature Cameras



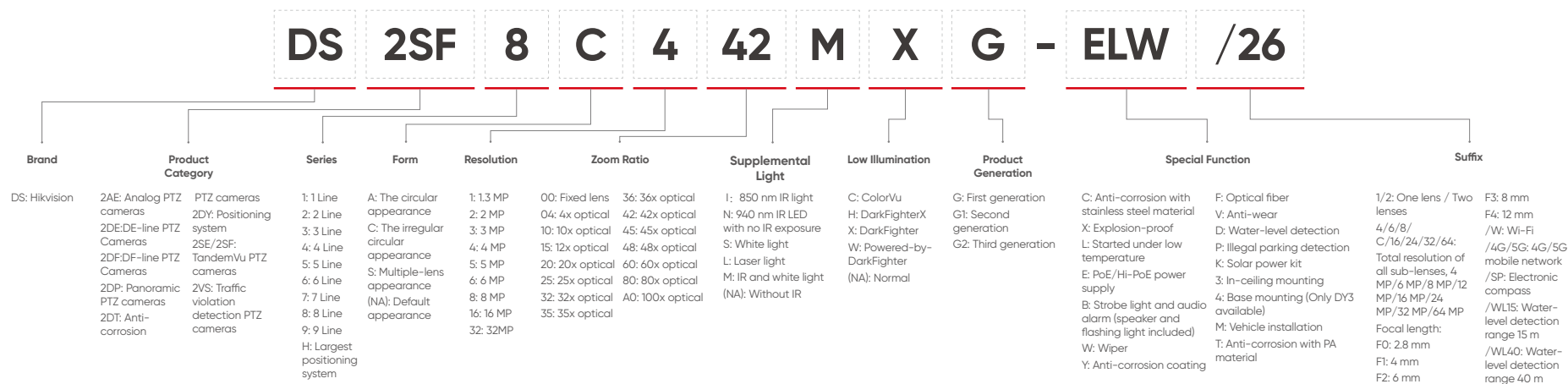
6-Line Anti-Corrosion Series Cameras



6-Line Explosion-Proof Series Cameras

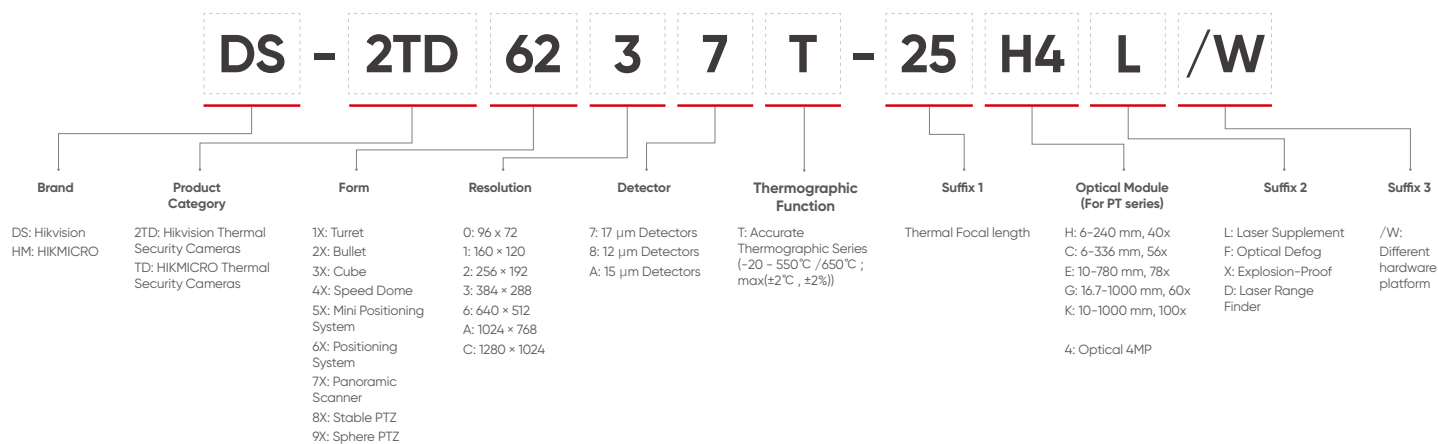


Network Cameras – PTZ Cameras

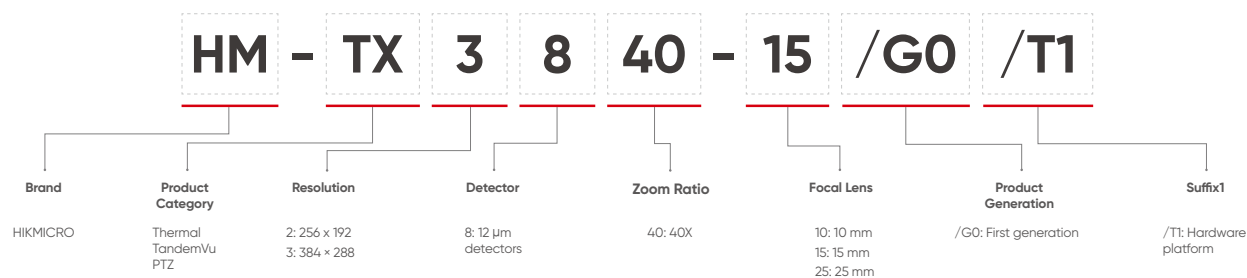


Thermal Security Cameras

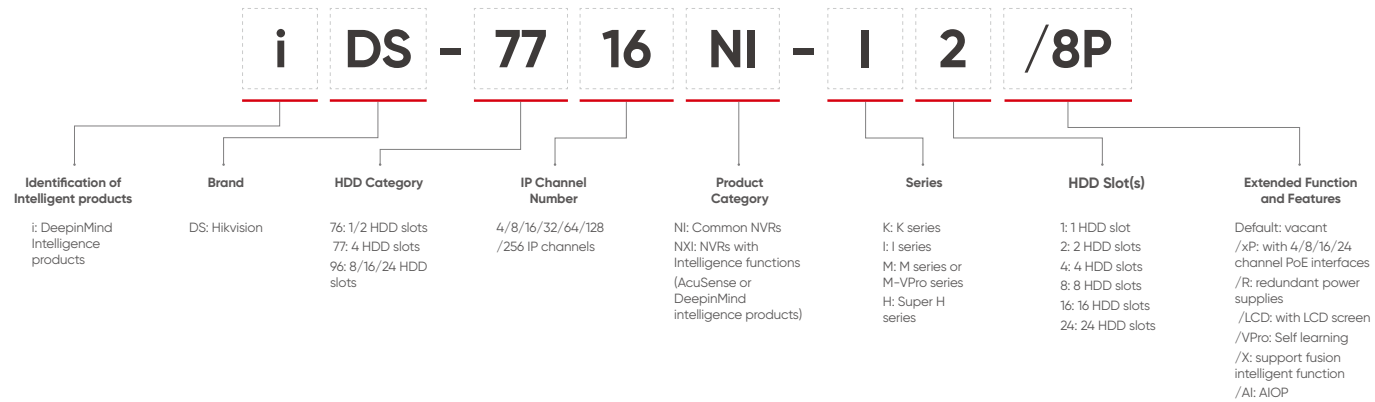
Thermal Security Camera



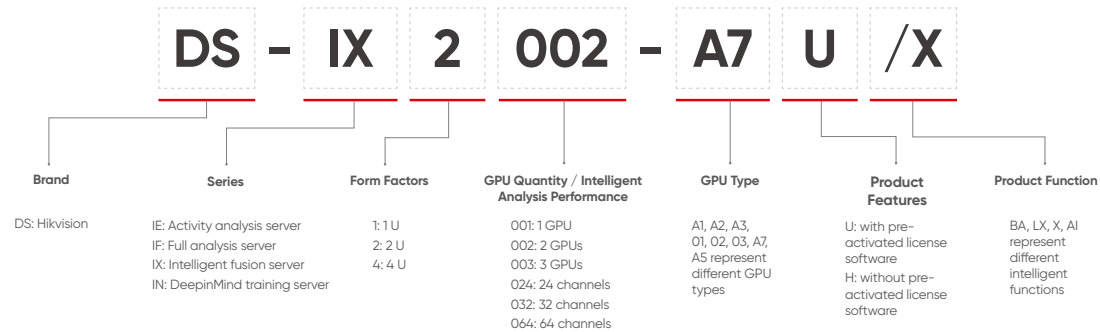
Thermal TandemVu PTZ Camera



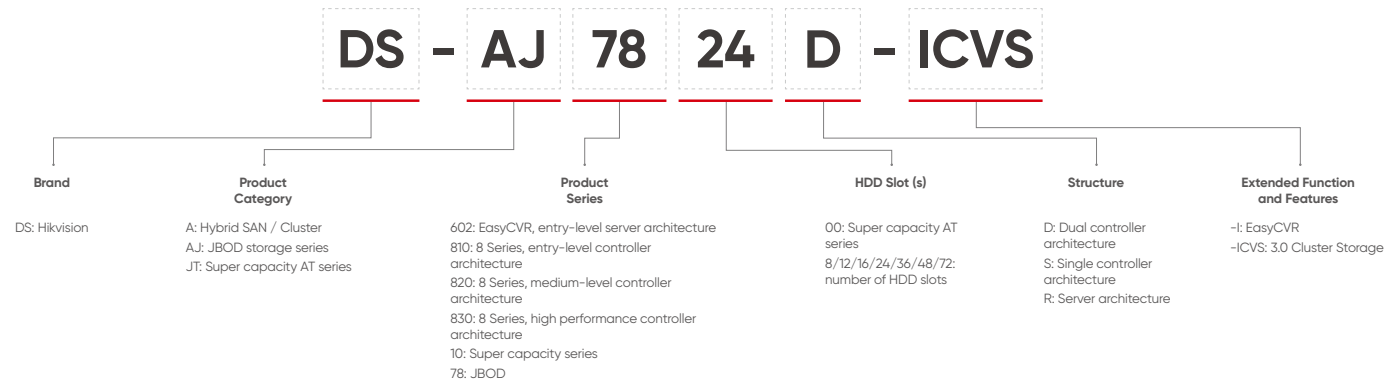
Network Video Recorders & DeepinMind Edge



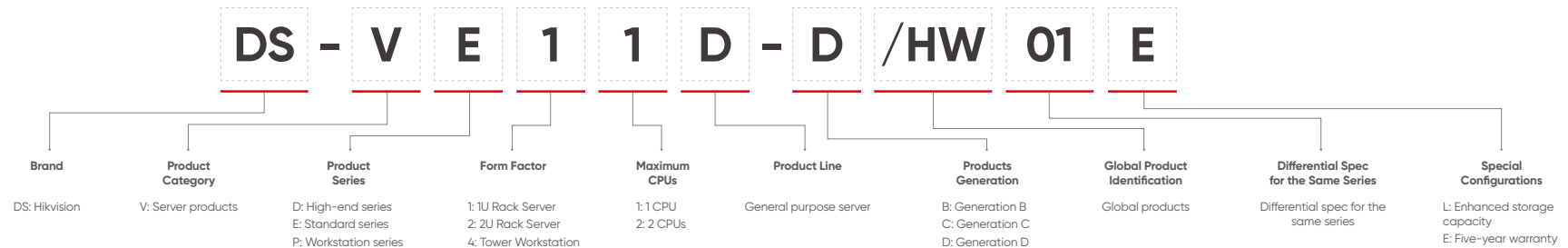
DeepinMind Server



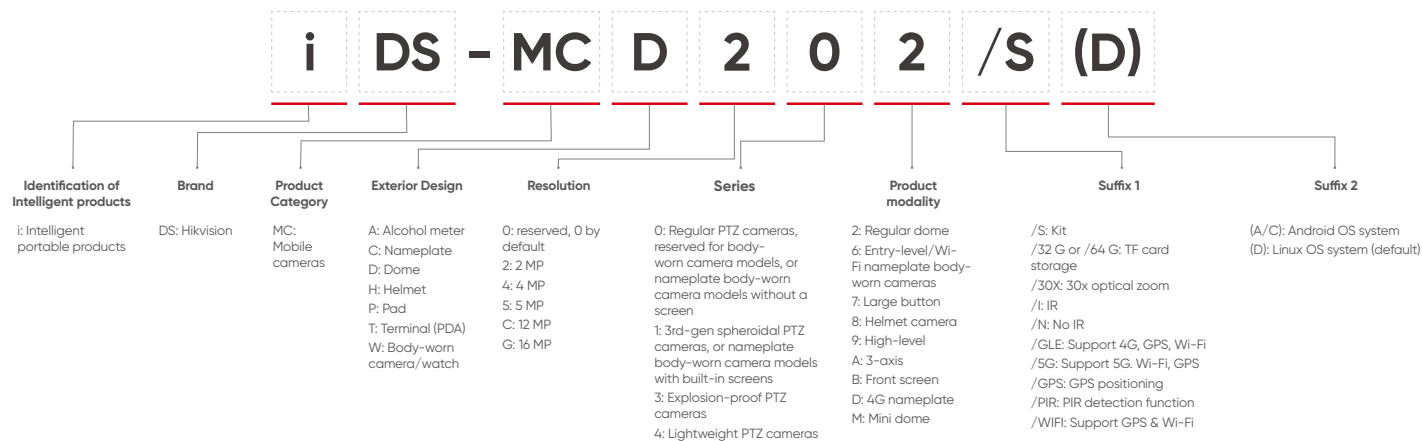
Network Storage



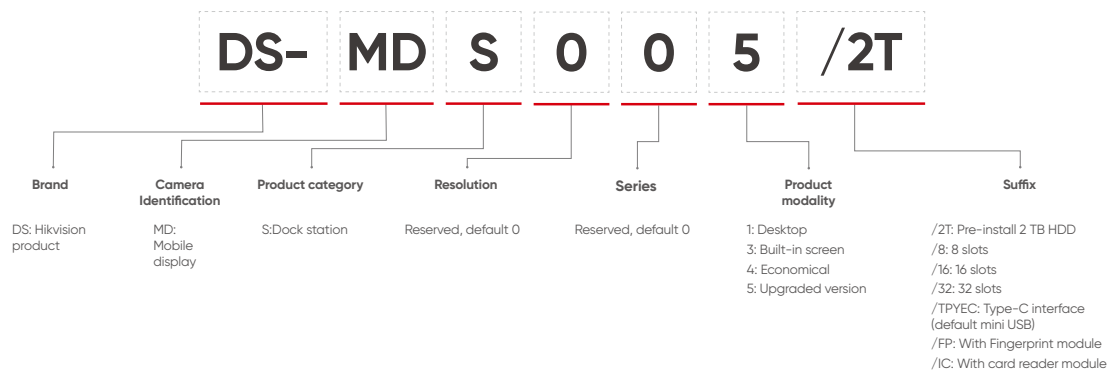
Servers



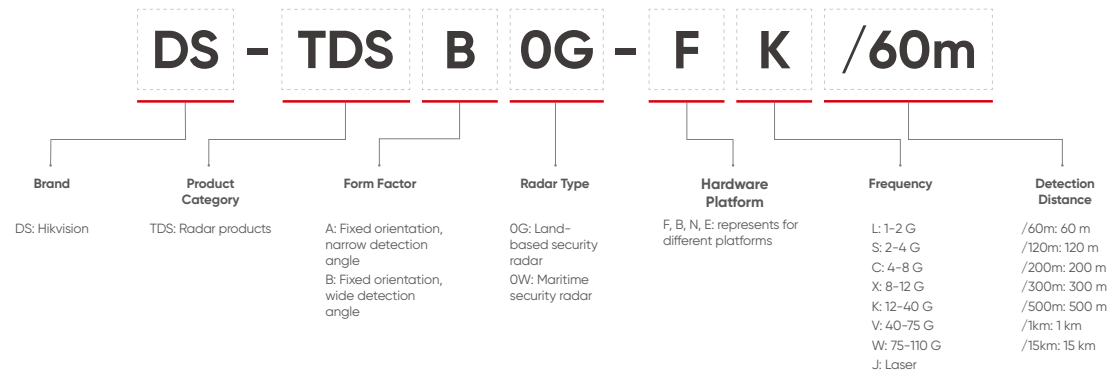
Portable Products – Body-Worn Cameras



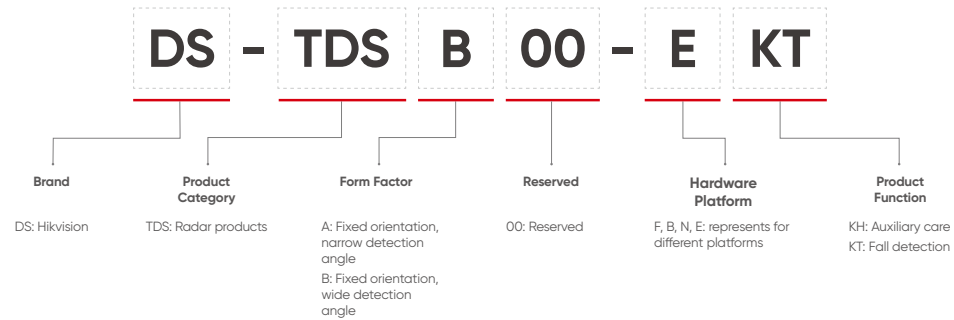
Portable Products – Dock Station



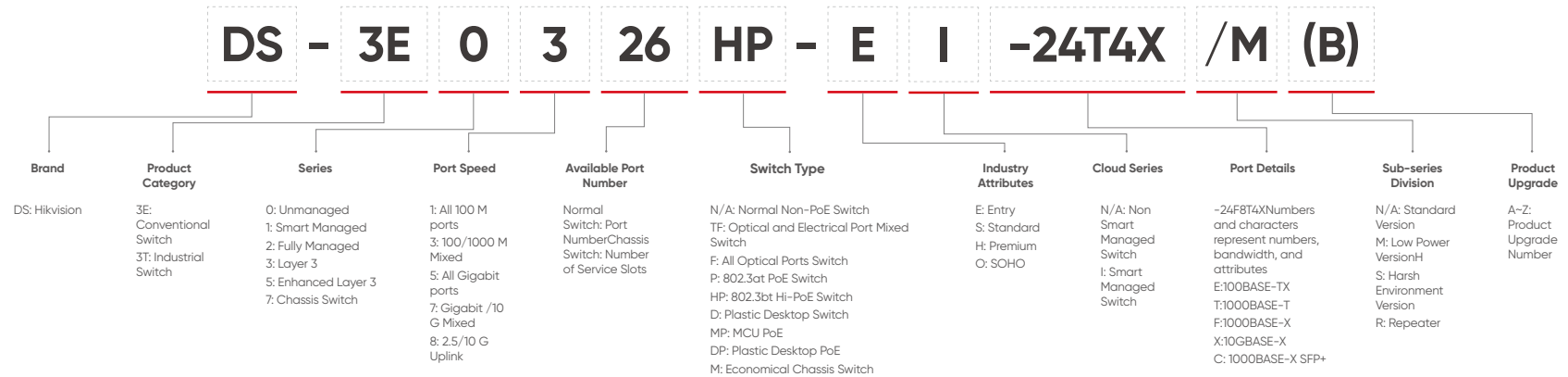
Radar – Security Radar



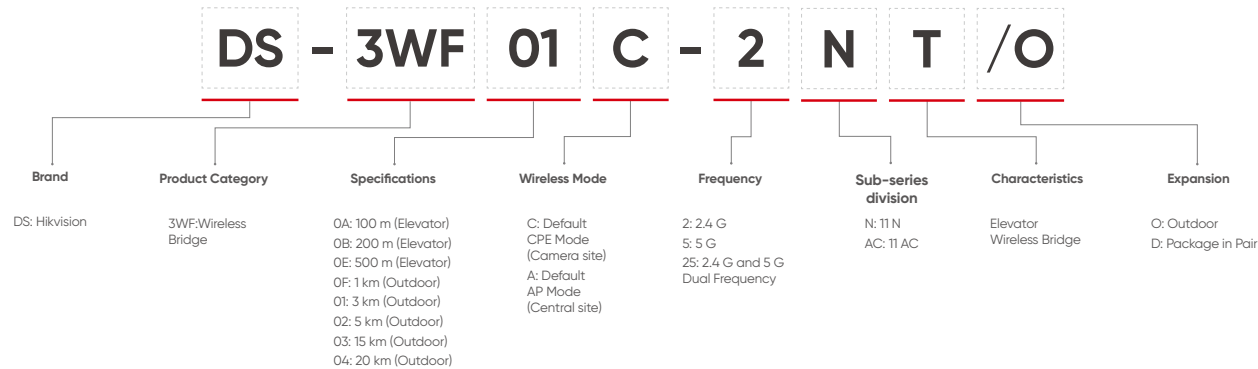
Radar – Healthcare Radar Sensor



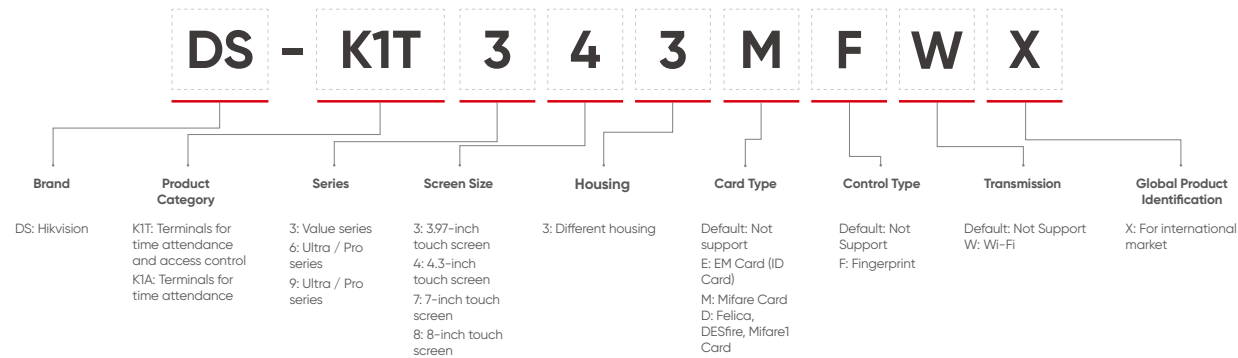
Networking – Switches



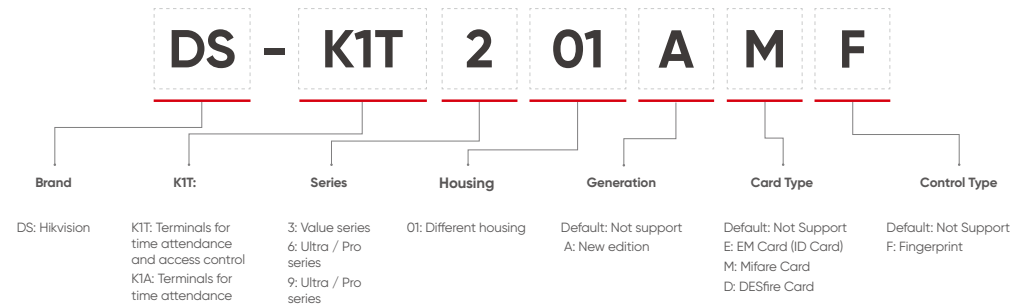
Networking – Wireless Bridge



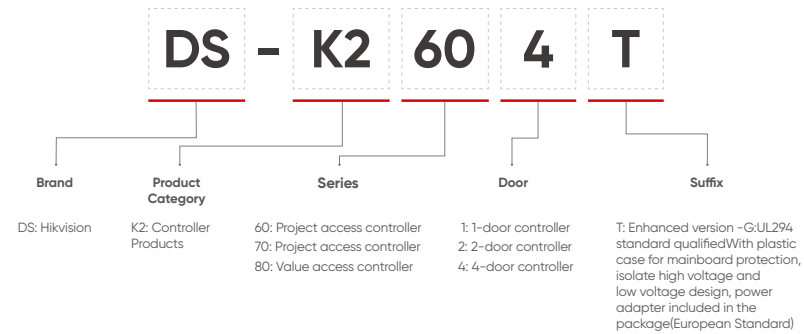
Access Control – MinMoe Face Recognition Terminal Products



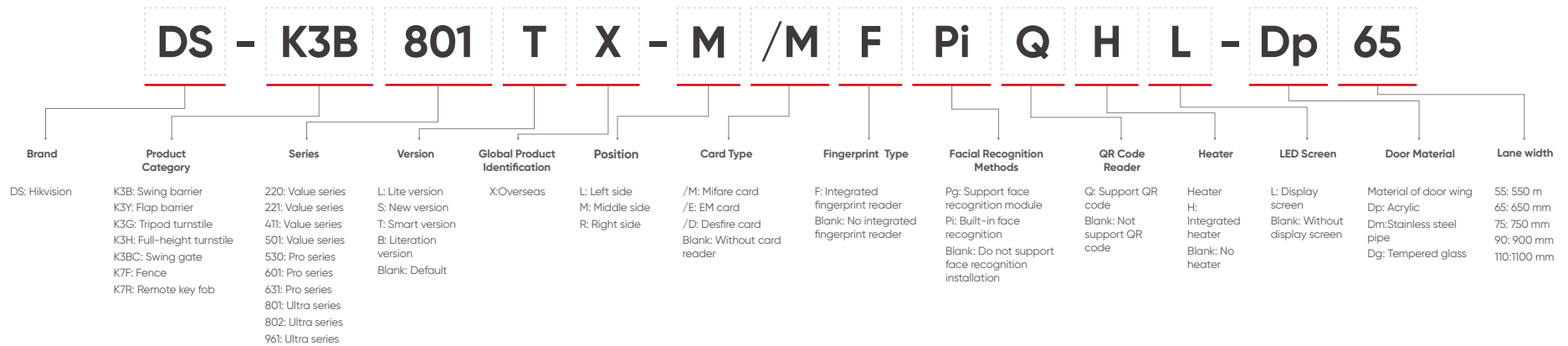
Access Control – Fingerprint and Card Terminal Products



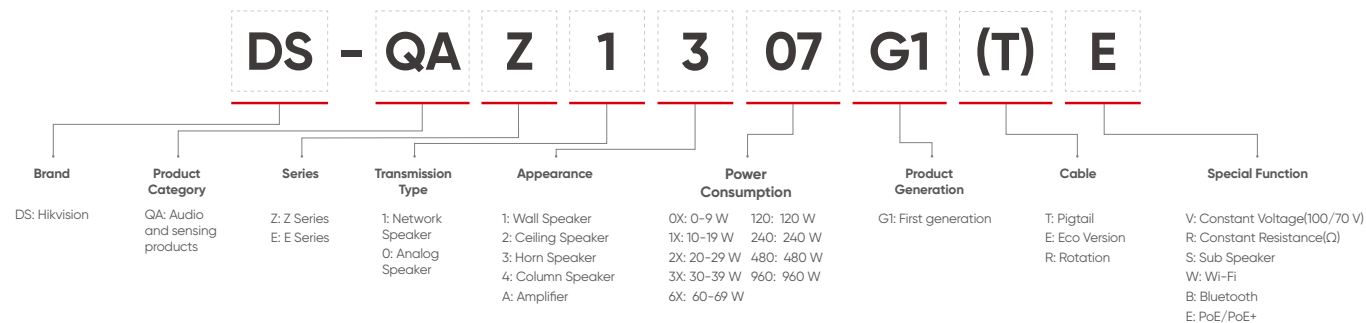
Access Control – Access Controller Productss



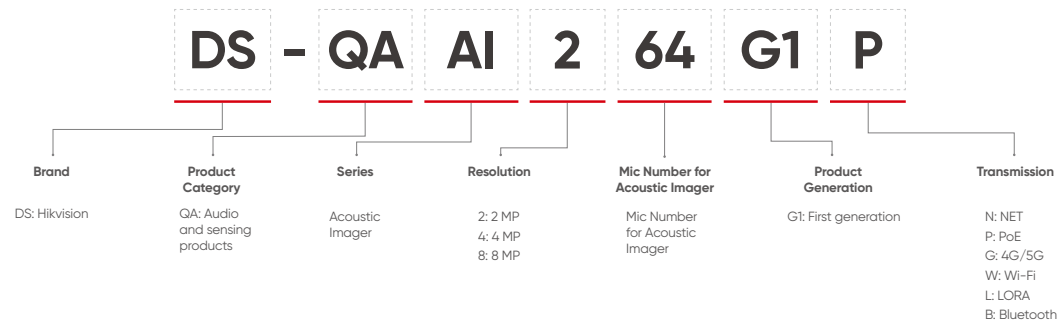
Speed Gates



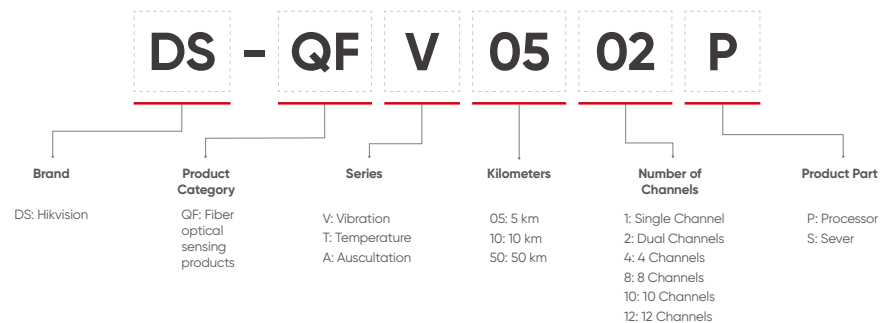
Audio and Sensing – Network/Analog Speakers



Audio and Sensing – Acoustic Imager



Audio and Sensing – Optical Fiber



2024

QUICK GUIDE FOR PROJECT-ORIENTED PREMIUM PRODUCTS



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support.sa@hikvision.com



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