

Optimised Banking & Financial Solutions



BANK

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Hanwha Vision understands the unique challenges of keeping customers, staff, and property safe in the banking and financial industries. To that end, we have provided a wide range of full-featured specialty IP camera solutions in form factors that are discreet and adaptable to any banking environment.

Specialty Devices and Camera Kits for Banking Environments

Hanwha Vision specialty devices include discreet camera housings and kits designed to blend seamlessly into banking environments while capturing critical information.



ATM Camera Kits

Hanwha Vision’s ATM Camera Kits include a universal lens mount for our covert camera series that is compatible with most popular ATM models and captures crisp images of ATM users and their surroundings regardless of environmental lighting conditions.



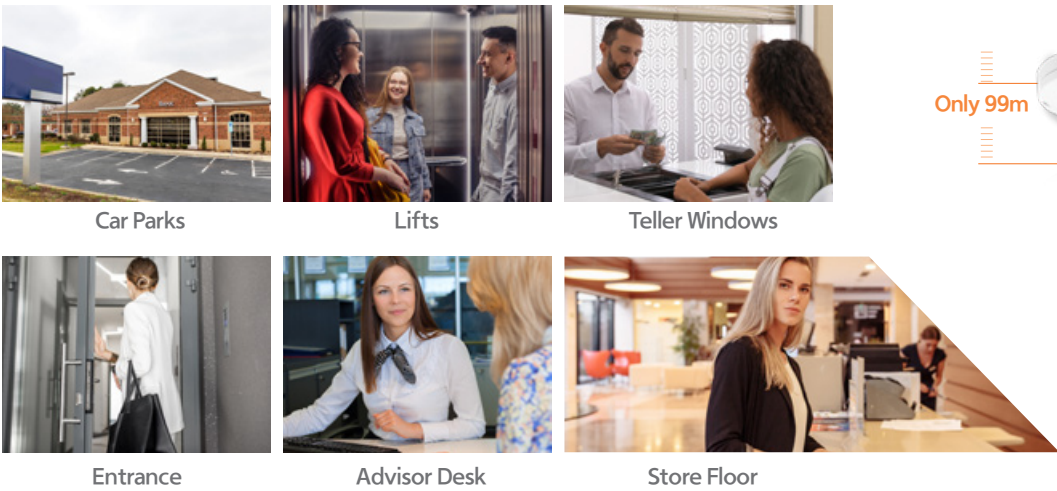
- ✓ 2MP 1080p resolution
- ✓ Optimised for low light environments and poor lighting conditions
- ✓ Licence-free intelligent video and audio analytics
- ✓ Supports up to 256GB SD card

Flexible IP Camera Solutions

Hanwha Vision IP camera solutions have evolved to meet the needs of banking environments. Licence-free onboard business, video, and audio analytics are included on most models in a variety of conventional and modular form factors guaranteed to suit your space.

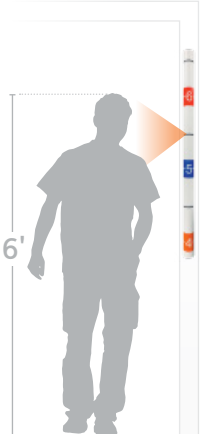
Discreet Form Factors

IP dome cameras in flush mountable and micro-dome form factors provide you with full area coverage without sacrificing environmental aesthetics.



High Resolution IP Fisheye Cameras

See an entire room with a single camera in full detail with a 360° panoramic view.



Pinhole Height Strip Camera

Pinhole height strip camera can distinguish a subject’s face and height when used in conjunction with another area camera device.

Wisenet 7 Powered X Series Cameras

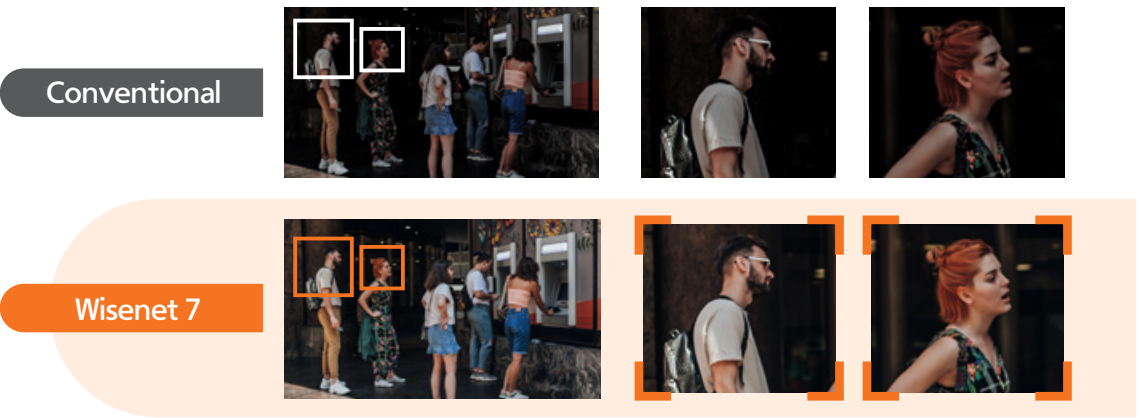
The Wisenet 7 SoC is our latest and most advanced chipset to date, featuring recording resolutions of up to 4k, licence-free video and audio analytics, eXtreme WDR with scene analysis, and best-in-class cybersecurity measures. These capabilities are available in a variety of form factors.

✓ Vivid 4K Resolution

Hanwha Vision's F1.2 varifocal lens is implemented into the Wisenet 7 4K camera lineup, allowing the most light into the camera's sensor and producing clear and vivid images.

✓ extreme WDR with Scene Analysis Technology

Hanwha Vision's improved multi-frame WDR technology lets you take full advantage of image contrast to see detailed objects clearly even in environments with strong backlight conditions.



Integrity



Security



Data Protection



Secured Hardware

✓ End-to-end Cybersecurity

Hanwha Vision security policies begin at the factory, with our own device certification issuing system embedding certificates and encryption keys into each chip.

UL CAP certified: Our latest network video surveillance cameras, equipped with Wisenet7 SoC have acquired the UL CAP (Cybersecurity Assurance Program) certification, meeting evaluation cybersecurity criteria: network penetration, access control, encryption and software updates.

The result: a fully secure end-to-end surveillance workflow, assuring all video is securely stored, encrypted and accessible only by authorised users.

X Series PoE Extender Cameras

Each X series PoE extender camera is equipped with a secondary network port, allowing you to power and connect an additional PoE or network device at distances of up to 80 metres away – saving you time and money on long cabling and installation runs traditionally associated with connecting additional devices to your network. Power and connectivity to the secondary network port can then be monitored and controlled in real time from the camera's web user interface.

Example PoE Connections

- ✓ Available in 2MP or 5MP resolution
- ✓ Power and connect an additional PoE device
- ✓ Cost savings in running additional cabling for new devices
- ✓ Modular design for easy upgrade and maintenance



ANPR Solution for Small Car Parks

Enhance your security team’s efficiency by automating the time-consuming task of logging vehicles by number plate as they enter and exit parking or sensitive areas. Hanwha Vision cameras with Automatic Number Plate Recognition (ANPR) technology are operational out of the box and fully integrated into Wisenet WAVE VMS and other popular video management systems.

Number Plate Recognition Features

- ✓ Camera sends vehicle number plate information to video management system or access control solution
- ✓ Data can be used to produce VMS bookmarks for later review
- ✓ Cost-effective solution, simple to install and automate
- ✓ VIP notification can be set up for “white listed” vehicles



AI Cameras

Hanwha Vision high-resolution cameras have been equipped with AI-based analytics with attribute extraction that can accurately identify both people and vehicles.

- ✓ Reduces false alarms
- ✓ Enhances operator efficiency
- ✓ Enables forensic search

Slip and Fall for improved safety (P series)



AI Camera BestShot Feature

All extracted attributes are presented in real time via Hanwha Vision’s BestShot feature, which displays a still image of a detected object for easy identification along with any attributes detected.



Detected Objects	Attribute Category	Supported Attribute Items
Person	Gender	Female, Male
	Upper garment	(Up to 2 colours simultaneously)
	Lower garment	Black, Grey, White, Red, Orange, Yellow, Green, Blue, Purple
	Bag	Carries a bag, does not carry a bag
Face	Gender	Female, Male
	Age	Young/Adult/Middle/Senior
	Glasses	Wearing glasses, not wearing glasses
Vehicle	Type	Car (sedan/SUV/van/etc.), bus, truck, motorcycle, bicycle
	Make/Model	Make and model of a vehicle
	Colour	(Up to 2 colours simultaneously) Black, Grey, White, Red, Orange, Yellow, Green, Blue, Purple
Number plate	Number plate	Presence of a number plate

A Wide Range of Video Recorders



WAVE PoE Network Video Recorders

- ✓ Ideal for small to medium-sized video surveillance, up to 16 channels, no server required
- ✓ Wide range of Smart Search options, including keyword, calendar and time-slice search
- ✓ Integration with AI cameras, enabling attributes of classified objects or people to be displayed on recorded video, or forensically searched for
- ✓ Simplified user experience with intuitive interface



Wisenet Pentabrid Video Recorders

- ✓ Extend the life of existing analogue-based CCTV systems
- ✓ Simplify analogue to IP migration



Innovative Multi-sensor/Multi-directional IP Cameras

Hanwha Vision dual-sensor multi-directional IP camera solutions include 2MP and 5MP selectable fixed lens models that eliminate the need for multi-camera installations. Each multi-sensor IP camera can be installed with a single cable and utilised with most VMS systems using just a single device recording licence.



- ✓ Selectable lenses available in 2.4mm - 12mm focal lengths
- ✓ Easy single cable installation
- ✓ Single VMS licence



2.4mm
LENS MODULE
SLA-2M2400Q



2.8mm
LENS MODULE
SLA-2M2800Q



3.6mm
LENS MODULE
SLA-2M3600Q



6.0mm
LENS MODULE
SLA-2M6000Q



3.7mm
LENS MODULE
SLA-5M3700Q

UL CAP Certified Cybersecurity

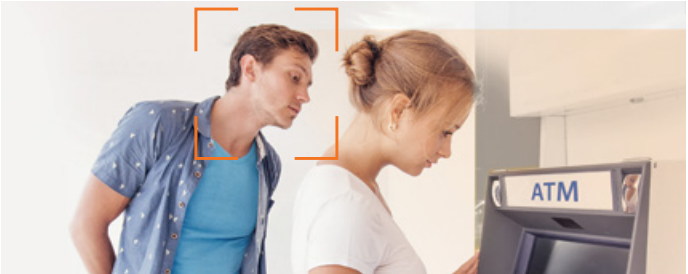
















Hanwha Vision security products offer the highest cybersecurity possible with unique certificates embedded into every device during each phase of the manufacturing process. This results in a cybersecurity policy that satisfies stringent UL CAP standard as well as our own requirements for product reliability and design innovation.

✓ NDAA Compliant Products & Solutions



Hanwha Vision IP Camera Features
Advanced Video and Audio Analytics

Hanwha Vision’s licence-free intelligent video and audio analytics technology operates on the edge, alerting operators to abnormal activities in real time. This increase in situational awareness can help to prevent or minimise damage or harm during an event by prompting a rapid and efficient response.

Scenario Examples	Licence-free Intelligent Video & Audio Analytics
	 Face detection - Identifies key features of a human face and issues an alert when a face is present.
	 Object appear/Disappear detection - Alert system operators to the detection of objects left behind in a scene.
	 Loitering detection - Alert staff to the presence of persons remaining in unattended ATM vestibules and to the possible installation of unauthorised devices or card skimmers.
	 Virtual line crossing detection - Objects crossing a designated virtual line can be detected.
	 Intrusion detection - Triggers an event when movement is detected in a designated virtual zone.
	 Enter/exit detection - Detection of objects entering or exiting a designated area.
	 Tamper detection - Detects when a camera’s direction is changed due to impact, sudden loss of focus, painting or blockage.
	 Fog detection - Cameras can detect the presence of fog or steam and automatically improve image quality.
	 IP audio system - Audio warnings if a potential intruder is detected within a virtual area.
	Audio detection - Detects and identifies the sound of explosions, gunshot, screams, and breaking glass
	 Gunshot
	 Glass Break
	 Scream
	 Explosion

*Camera features and analytics vary by model

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