



VUpoint

The "AI" logo is a square with rounded corners, featuring a vibrant rainbow gradient from yellow at the top to blue at the bottom. The letters "AI" are rendered in a bold, black, sans-serif font, centered within the square.

Experience vibrant clarity with the latest
AI-powered Video Solution

www.riscogroup.com



Step into a world of vibrant clarity with our latest **AI Video Solution**...

Designed for modern security demands, these cameras bring together powerful artificial intelligence with adaptable, high-performance imaging across various conditions, even in challenging lighting. With our Full Color and Active Deterrence and the advanced AI technology adjusts intelligently to diverse environments, keeping you steps ahead with exceptional visibility and smart, real-time monitoring.

**Day or night, indoors or outdoors, these cameras
provide a seamless blend of modern security.**



VUpoint AI Models



5MP Dome
Camera



5MP Thermal
Camera



5MP Varifocal
Bullet Camera



4MP PoE
Eyeball Camera



4MP PoE
Bullet Camera



4MP WiFi
Cube Camera



4MP WiFi
Bullet Camera



4MP WiFi
PT Camera



4 Channel
PoE NVR



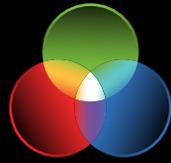
8 Channel
PoE NVR



16 Channel
NVR



32 Channel
NVR



Full Colour

Full Colour cameras deliver high-quality, full-colour images even in low light. Using advanced sensors and warm visible light, they enhance clarity, distinguishing object and suspect colours for better threat identification. Ideal for security monitoring and traffic management, they improve situational awareness and recognition.

AI Features



Face Recognition

When a recognised face appears, the system triggers alerts based on preset lists, enabling swift, real-time security responses.



Pedestrian & Vehicle

These cameras distinguish human and vehicles from other false alarms like moving branches, lights etc.



Line Crossing

Line crossing detects objects crossing a user-defined virtual line, triggering alerts or recordings. Ideal for monitoring entrances, exits, and restricted borders.



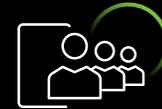
Cross Counting

Counts entries, exits, and occupancy to aid crowd control, space usage, and security. Triggers alarms when a set number of people is reached.



Heat Map

Heat map analysis visualizes movement patterns, showing activity levels with colour-coded maps. It helps identify traffic flow, congestion, and optimize layouts or staffing.



Queue Management

It tracks wait times and crowd length, triggering alerts when thresholds are exceeded. This helps reduce congestion and improve service efficiency.



Rare Sound Detection

Rare Sound detects sudden or unusual changes in sound levels, identifying specific noises like dog barking, baby crying or gunshots. The system sends real-time alerts, allowing for a quick response to potentially critical incidents.



License Plate Recognition

License Plate Recognition captures and records plates when vehicles cross a set boundary, enabling searches by License plate and alerts based on white and black lists. It enhances security and access control in restricted areas.



Active Deterrence

Active deterrence cameras prevent crime with warning lights, sirens, and two-way audio. When motion or AI events are detected, they trigger alarms or real-time warnings, deterring intruders while recording evidence. Ideal for residential and commercial security.

AI Features



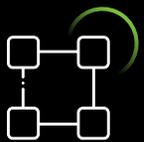
Region Entrance

Region Entrance Detection tracks objects entering a virtual area, triggering alerts for real-time monitoring of entry points and restricted zones.



Region Exiting

Region Exiting Detection tracks objects leaving a virtual area, triggering alerts to prevent unauthorised departures from secured zones.



Perimeter Detection

Identifies unauthorised movement near or across a virtual perimeter, immediately notifying security teams to prevent potential breaches.



Crowd Detection

Analyses the number of people in a specific area, triggering alerts when crowd levels exceed safe thresholds for better safety and crowd management.



Object Detection

Detects unattended or stolen objects in monitored areas, notifying operators of potential security threats or forgotten items in public spaces.



Fire Detection

Discover fire in very early stages even before any smoke was emitted needed for a regular fire detector to trigger.



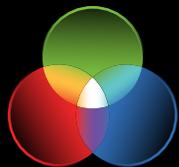
Temperature Measurement

Monitors and detects temperature variations in people, objects, or environments, triggering alerts for anomalies such as overheating equipment, or fire risks.

VUpoint 5MP PoE AI Cameras

Professional-grade 5MP cameras with enhanced deep learning algorithm deliver ultra-clear, full-colour imaging even in low-light conditions and Active Deterrence that helps to prevent intruders from entering premises. Their robust AI performance intelligently recognises important events, providing high-performance surveillance for demanding security needs.

5MP Dome
Camera



**Full
Colour**

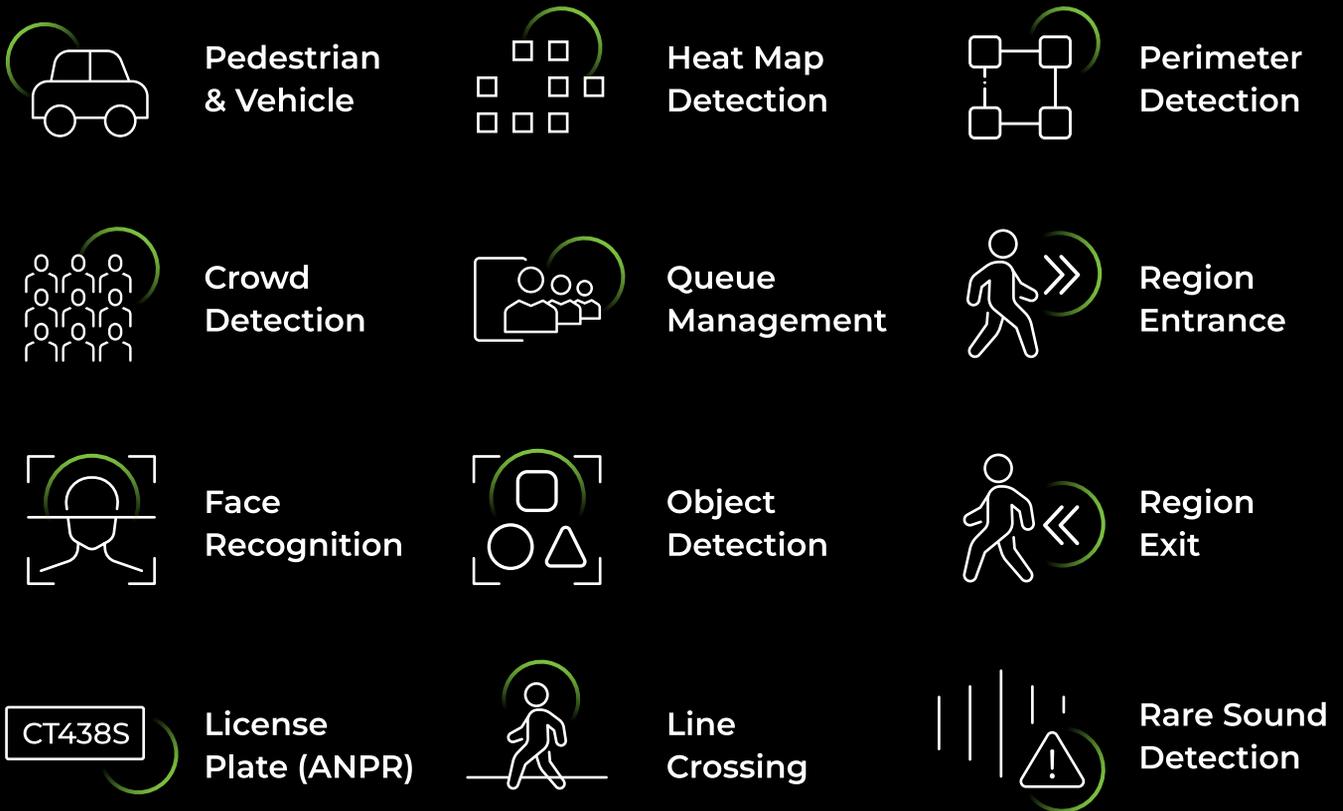


**Active
Deterrence**



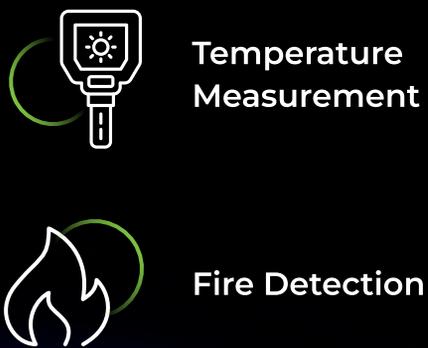
5MP Varifocal Motorised
Bullet Camera

Camera Features:



Thermal Only:

* The Thermal camera does not support License Plate recognition



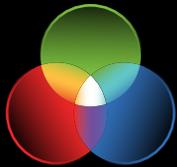
5MP Thermal Camera

VUpoint 4MP PoE AI Cameras

Reliable 4MP PoE cameras offering excellent image processing technology and low illuminance environment, also provides real-time active deterrence from crime. Built-in intelligent features add an extra layer of smart monitoring, ensuring every important detail is captured without complicating your security system.



4MP PoE
Eyeball Camera



**Full
Colour**



**Active
Deterrence**

Camera Features:



**Pedestrian
& Vehicle**



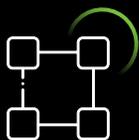
**Line
Crossing**



**Region
Entrance**



**Region
Exit**



**Perimeter
Detection**

4MP PoE
Bullet Camera



VUpoint Accessories

Camera accessories such as junction boxes, flush mounts, wall mounts, and other mounting solutions are critical for professional, secure, and clean surveillance installations.

These accessories not only enhance installation flexibility but also ensure long-term durability and aesthetic integration into any environment.



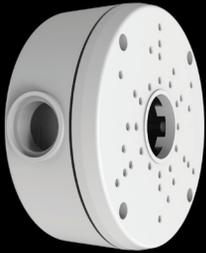
Junction Box

For 5MP PoE
Dome AI Camera
(RVIM0115B0RA)



Flush Mount

5MP PoE Dome
AI Camera
(RVIM6DZJD0RA)



Junction Box

5MP PoE Thermal
Bullet AI Camera
(RVIM0CXHI0RA)



Junction Box

4MP PoE Bullet AI
Camera (RVIM0CXHN0RA)
5MP PoE VF Bullet AI
Camera (RVCM52A350RA)
4MP PoE Eyeball AI
Camera (RVCM72A300RA)



Wall Mount

4MP PoE Eyeball AI
Camera (RVIM1BZJCORA)
5MP PoE Dome AI
Camera (RVCM32A330RA)



4MP WiFi
Bullet Camera



Full
Colour



4MP WiFi
PT Camera



Full
Colour

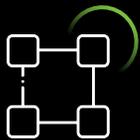
VUpoint 4MP WiFi AI Cameras

Wireless 4MP AI cameras that make installation effortless with wire-free connectivity, while still streaming rich, full-colour video. These cameras can distinguish between humans, vehicles, and animals—reducing false alarms and enabling more accurate event detection. This combination of smart functionality with flexible placement options makes them perfect for monitoring homes or businesses.



4MP WiFi
Cube Camera

Camera Features:



**Perimeter
Detection**



**Line
Crossing**



**Region
Entrance**



**Pedestrian
& Vehicle**



**Region
Exit**

* Only for 4MP WiFi PT Camera

VUpoint AI NVRs

This series of Network Video Recorders (NVRs) are designed to provide robust, reliable, and intelligent video surveillance solutions. Supporting a wide range of IP cameras, these NVRs offer flexible channel options—from 4 to 32 channels—making them suitable for applications ranging from residential and small offices to commercial security systems.

NVR Models:

4 Channel
PoE NVR

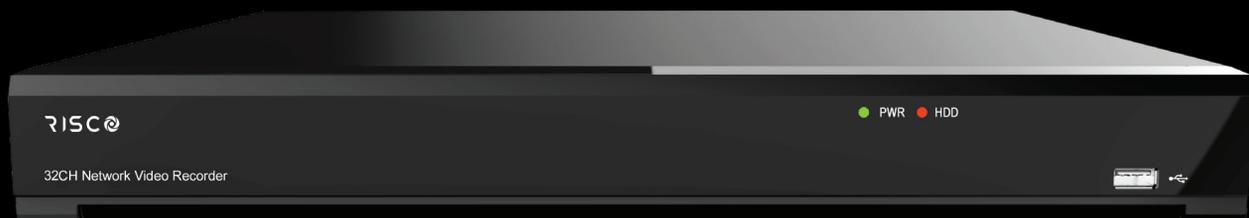
8 Channel
PoE NVR

16 Channel
NVR

32 Channel
NVR



HDMI™



NVR Features:



Smart Motion
Detection



Up to 12 MpX
Recording



Supports Full AI
Camera Features



HDD

Technical Specifications

Type	5MP Varifocal Bullet Camera	5MP Dome Camera	5MP Thermal Camera	4MP Bullet Camera
Image				
Part Number	RVCM52A350RA	RVCM32A330RA	RVCM92A370RA	RVCM52A310RA
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	Vanadium Oxide FPA / CMOS	1/3" CMOS
Lens	2.8-12mm/ F1.2 Motorised	2.8 mm/ F1.0	3.6mm F1.6 (Opt) / 3.2mm F1.1 (Therm)	2.8 mm/ F1.0
Low Light	Full-Colour	Full-Colour	Full-Colour	Full-Colour
AI Features	Human and Vehicle, Intrusion, Face & Object detection, Heatmap, Crowd, Queue, Region entrance and exit ANPR, Line Crossing	Human and Vehicle, Intrusion, Object detection, Heatmap, Crowd, Queue, Region entrance and exit ANPR, Face Detection	Human and Vehicle, Intrusion, Object, Heatmap, Crowd, Queue, Region entrance/exit, Face Detection, Fire, Temperature	Human and Vehicle, Intrusion, Line Crossing, Region Entrance/Exit
WDR	Yes	Yes	WDR 120 dB	DWDR
LED Illuminator	IR 30M, White 25 M, Strobe – Red & Blue	IR 25M, White 25M, Strobe – Red & Blue	IR 30M, White 15M, Strobe – Red & Blue	IR 25 M, White 20M, Strobe - Red & Blue
Video Compression	H.264/H.265/H265+	H.264/H.265/H265+	H.264/H.265/H265+	H.264/H.265
Max Resolution	5 MP (2880 × 1620)	5 MP (2880 × 1620)	Opt. 5 MP (2592*1944) Thermal 256*192	4 MP (2560*1440)
Framerate	25 FPS @ 5 MP	25 FPS @ 5 MP	25 FPS @ 5 MP	25 FPS @ 4MP
Multi-Streaming	3 Streams	3 Streams	3 Streams	2 Streams
Compatibility	ONVIF S/G/T/M	ONVIF S/G/T/M	ONVIF S/G/T/M	ONVIF S
Audio IN/Out	Built in Mic and Speaker	Built in Mic and Speaker	Line in/out, Built in Mic and Speaker	Built in Mic and Speaker
Memory Slot	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Ingress Protection	IP66	IP66	IP67	IP67
Power	12VDC/PoE	12VDC/PoE	12VDC/PoE	12VDC/PoE

Technical Specifications

Type	4 MP Eyeball Camera	4MP Cube Camera	4MP Bullet Camera	4 MP PT Camera
Image				
Part Number	RVCM72A300RA	RVCM11W340RA	RVCM51W320RA	RVCM61W360RA
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Lens	2.8 mm/ F1.0	2.8 mm / F1.6	2.8mm	2.8mm
Low Light	Full-Colour	True D/N	Full-Colour	Full-Colour
AI Features	Human and Vehicle, Intrusion, Line Crossing, Region Entrance/Exit	Human and Vehicle, Intrusion, Line Crossing, Region Entrance/Exit	Human and Vehicle, Intrusion, Line Crossing, Region Entrance/Exit	Human and Vehicle, Intrusion, Line Crossing, Region Entrance/Exit, Pedestrian Tracking
WDR	DWDR	DWDR	DWDR	DWDR
LED Illuminator	IR 25 M, White 20M, Strobe - Red & Blue	IR 8m	IR 25M, White 20M, Strobe - Red & Blue	IR 15 M, White 10M
Video Compression	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265
Max Resolution	4 MP (2560×1440)	4 MP (2560×1440)	4 MP (2560×1440)	4 MP (2560×1440)
Framerate	25 FPS @ 4MP	15 FP S@ 4MP	15 FP S@ 4MP	15 FP S@ 4MP
Multi-Streaming	2 Streams	2 Streams	2 Streams	2 Streams
Compatibility	ONVIF S	ONVIF S	ONVIF S	ONVIF S
Audio IN/Out	Built in Mic and Speaker	Built in Mic and Speaker	Built in Mic and Speaker	Built in Mic and Speaker
Memory Slot	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
Ingress Protection	IP67	IP22	IP64	IP22
Power	12VDC/PoE	DC 5V/ 1 A Type-C PSU included	DC 12V/ 1A PSU included	DC 5V/ 1 A Type-C PSU included
Network		Wi-Fi 2.4/ 5GHz	Wi-Fi Dual 2.4 GHz	Wi-Fi 2.4/ 5GHz

Technical Specifications

Type	4 Channel PoE	8 Channel PoE	16 Channel	32 Channel
Image				
Part Number	RVNVR044K1RA	RVNVR084K1RA	RVNVR164K1RA	RVNVR324K1RA
AI By Recorder Features	Only by Camera SMD - Up to 720p photos	Only by Camera SMD - Up to 720p photos	Only by Camera SMD - Up to 720p photos	Only by Camera SMD - Up to 720p photos
IP Camera Input	4 Channel	8 Channel	16 Channel	32 Channel
Audio Interface	1 Channel Input/1 Channel Output, RCA	1 Channel Input/1 Channel Output, RCA	1 Channel Input/1 Channel Output, RCA	1 Channel Input/1 Channel Output, RCA
Ports	1 HDMI (4K), 1 VGA (1080)	1 HDMI (4K), 1 VGA (1080)	1 HDMI (4K), 1 VGA (1080)	2 HDMI (4K), 1 VGA(1080)
Compression	H.264; H.265; H.265+	H.264; H.265; H.265+	H.264; H.265; H.265+	H.264; H.265; H.265+
Resolution	12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p	12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p	12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p	12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p
Record Rate	76 Mbps incoming/ 76 outgoing	128 Mbps incoming/ 128 outgoing	128 Mbps incoming/ 128 outgoing	320 Mbps incoming/ 320 outgoing
Interface	1 (10/100 Mbps Ethernet port, RJ-45)	1 (10/100/1000 Mbps Ethernet port, RJ-45)	1 (10/100/1000 Mbps Ethernet port, RJ-45)	2x (10/100/1000 Mbps Ethernet port, RJ-45)
PoE	4 ports 802.3 af/at	8 ports 802.3 af/at		
Internal HDD	1 SATA ports, up to 10 TB	1 SATA ports, up to 10 TB	1 SATA ports, up to 10 TB	2 SATA ports, up to 12 TB
Alarm Input	4	8	8	8
Alarm Output	1	1	1	4
Power Supply	48 VDC, 1.2 A	48 VDC, 1.5 A	12 VDC, 2 A	12 VDC, 5 A
Energy Usage	3.8W (without HDD)	4.3W (without HDD)	2.6W (without HDD)	8W (without HDD)
Operating Conditions	-10°C~+50°C (32°F ~ 104°F)	-10°C~+50°C (32°F ~ 104°F)	-10°C~+50°C (32°F ~ 104°F)	-10°C~+50°C (32°F ~ 104°F)
Storage Conditions	-20 °C to +60 °C (-4 °F to +140 °F)	-20 °C to +60 °C (-4 °F to +140 °F)	-20 °C to +60 °C (-4 °F to +140 °F)	-20 °C to +60 °C (-4 °F to +140 °F)
Dimensions	300X227X53mm	300X227X53mm	300X227X53mm	300X227X53mm
Net Wight	≤ 0.98 kg (no HDD)	≤ 1.05 kg (no HDD)	2.05 kg (no HDD)	2.2 kg (no HDD)



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