

IQV-WP-24184 SERIES

WEATHERPROOF PTZ DOME CAMERA

with 5MP 32x Optical Zoom, ONVIF Compliant

The IQV-WP-24184 Series PTZ Dome Camera is built for mission-critical surveillance in demanding environments. It integrates a 5MP optical camera with a 32x optical zoom and delivers real-time 5MP video with exceptional clarity. Designed for long-range coverage and proactive security, it supports advanced functions such as Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance/Exit Detection, Scene Change Detection, and Face Detection. Its rugged, corrosion-resistant aluminium housing ensures reliable operation in extreme weather and industrial conditions. The enclosure is certified to IP67 for superior protection against water, dust, and harsh environments. Ideal for perimeter defence, critical infrastructure, and industrial site monitoring.

INQUIVISION
PUSHING FORWARD LOOKING PERFORMANCE



Additional Features

- Rugged Anti-Corrosion Aluminum Body
- IP67-Rated Weatherproof and Dustproof Protection
- Starlight-Level Low-Light Imaging
- True Day/Night Function
- Real-Time 5MP Video Output
- Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance/Exit Detection, Scene Change Detection, Face Detection
- Electronic Image Stabilization and Defog
- ONVIF Compatibility



TECHNICAL INFORMATION

GENERAL & MECHANICAL	
Operating Temperature	-40°C to +70°C
Ingress Protection	IP67 (Dustproof and Weatherproof)
Operating Voltages	DC 36V ±10%, PoE++ (IEEE 802.3bt, Class 5)
Power Consumption	≤28W
Surge Protection	TVS 6000V Lightning & Surge Protection
Material	High-Strength Alloy Aluminium Die-Cast Shell
Relative Humidity	≤95% (non-condensing)
IR Illumination	Up to 200 meters
Mounting Options	Wall, Ceiling, Pole Mount
Dimensions (Φ × H)	Ø190mm × 339.8mm
Weight	Approximately 7.65 kg

PTZ SPECIFICATION	
Pan Range	360°
Pan Speed	0.1° – 240°/s
Tilt Range	-15° to +90°
Tilt Speed	0.1° – 80°/s
Preset Position	Up to 255 Presets
Patrol / Tours	Up to 8 Programmable Tours
Park Action	Pattern / Preset / Scan / Tour
Optical Zoom	32x Optical Zoom
Digital Zoom	16x Digital Zoom
Auto Tracking	Automatically Tracks Moving Objects
Active Deterrence	Red and Blue Warning Light

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TECHNICAL INFORMATION

VISUAL CAMERA	
Image Sensor	5MP, 1/2.8" Progressive Scan CMOS
Resolution	2592×1944 pixels
Frame Rate	Main Stream: 25fps (2592×1944, 2304×1728, 1920×1080, 1280×960, 1280×720) at 50Hz; 30fps (2592×1944, 2304×1728, 1920×1080, 1280×960, 1280×720) at 60Hz Sub Stream: 25fps (704×576, 640×480, 352×288) at 50Hz; 30fps (704×480, 640×480, 352×240) at 60Hz Third Stream: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640×480, 352×288) at 50Hz; 30fps (1920×1080, 1280×960, 1280×720, 704×480, 640×480, 352×240) at 60Hz
Compression	Video: H.264/H.264+/H.265/H.265+/MJPEG Video Bit Rate: 32Kbps~16Mbps H.264 Profiles: Base/Main/High; H.265 Profile: Main Triple Stream: Supported Audio: G.711a, G.711u Audio Bit Rate: 64Kbps (G.711)
Minimum Illumination	Color: 0.005 Lux @(F1.6, AGC ON); B/W: 0.0005 Lux @(F1.6, AGC ON)
Shutter Speed	1/3–1/100,000s
Wide Dynamic Range	130dB
Digital Noise Reduction	2D/3D DNR
Day and Night	ICR Cut Filter
Lens	Type: Motorized Zoom Focal Length: 4.8mm-154mm Optical Zoom: 32x Digital Zoom: 16x Field of View (H × V × D): 52.2° × 39.9° × 62.8° to 2.2° × 1.7° × 2.8° Aperture: F1.6–F4.3 Zoom Speed: Approx. 5.6 s Focus Control: Auto / Semi-auto / Manual
Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Electronic Image Stabilization, Region of Interest, Backlight Compensation, Highlight Compensation
Analytics	Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance/Exit Detection, Scene Change Detection, Face Detection

DORI				
Zoom Position	Detect	Observe	Recognize	Identify
Wide (4.8 mm)	109.0m	43.6m	21.8m	10.9m
Tele (154 mm)	2500.0m	1000.0m	500.0m	250.0m
NETWORK				
Interface	RJ45 10Base-T/100Base-TX			
ONVIF	ONVIF (Profile S, Profile G, Profile T)			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P			
Network Storage	NAS (NFS/CIFS)			
Security	User authentication, IP address filtering, Video masking			