

IQV-WP-040191 SERIES

WEATHERPROOF DOME CAMERA

with 8MP Motorized Varifocal Lens 2.7-13.5mm, ONVIF Compliant

The IQV-WP-040191 Series Dome Camera is built for mission-critical surveillance in demanding environments. It integrates a 8 MP optical camera with a motorized varifocal 2.7–13.5 mm lens and delivers real-time 8 MP (3840×2160) video with exceptional clarity. Designed for wide-area coverage and superior low-light performance, it features ultra-low illumination sensitivity and supports ONVIF for seamless system integration. Its rugged, corrosion-resistant aluminum 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 defense, 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 8MP Video Output
- Motion Detection, Intrusion Detection, Line Crossing Detection, Region Entrance/Exit Detection, Scene Change Detection, Face Detection
- Electronic Image Stabilization
- ONVIF Compatibility



TECHNICAL INFORMATION

GENERAL & MECHANICAL	
Operating Temperature	-30°C to +60°C
Ingress Protection	IP67 (Dustproof and Waterproof)
Operating Voltages	DC 12V ±25%, PoE (IEEE 802.3af, Class 3)
Power Consumption	≤12.5W
Material	High-Strength Die-Cast Aluminum Alloy Shell
Relative Humidity	≤95% (non-condensing)
LED Illumination	Up to 50 meters
Camera Adjustment	Pan 0°-355°, Tilt 0°-75°, Rotation 0°-355°
Mounting Options	Wall, Ceiling, Pole Mount
Dimensions (Φ × H)	Ø140.5mm × 119.3mm
Weight	Approximately 1.25 kg

DORI				
Zoom Position	Detect	Observe	Recognize	Identify
Wide (2.7 mm)	91.0m	36.0m	18.0m	9.0m
Tele (13.5 mm)	289.0m	114.0m	57.0m	29.0m
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, SMB/CIFS)			
Security	Password protection, HTTPS/SSL encryption, IP address filtering, basic and digest authentication, TLS 1.1/1.2			

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TECHNICAL INFORMATION

VISUAL CAMERA	
Image Sensor	8MP, 1/2.7" Progressive Scan CMOS
Resolution	3840×2160 pixels
Frame Rate	<p>Main Stream: 20fps 8MP (3840×2160), 20fps 6MP (3200×1800), 25fps 5MP (3072×1728), 25fps 4MP (2560×1440), 25fps 1080P (1920×1080), at 50Hz; 20fps 8MP (3840×2160), 20fps 6MP (3200×1800), 30fps 5MP (3072×1728), 30fps 4MP (2560×1440), 30fps 1080P (1920×1080) at 60Hz</p> <p>Sub Stream: 25fps 720P (1280×720), 25fps D1 (704×576), 25fps CIF (352×288), at 50Hz; 30fps 720P (1280×720), 30fps D1 (704×480), 30fps CIF (352×240) at 60Hz</p> <p>Third Stream: 25fps CIF (352×288) at 50Hz; 30fps CIF (352×240) at 60Hz</p>
Compression	<p>Video: H.264/H.264+/H.265/H.265+/MJPEG Video Bit Rate: 11Kbps~13Mbps H.264 Profiles: Base/Main/High; H.265 Profile: Main Triple Stream: Supported</p> <p>Audio: G.711a, G.711u Audio Bit Rate: 64Kbps (G.711)</p>
Minimum Illumination	Color: 0.006 Lux @(F1.6, AGC ON)
Shutter Speed	1/3–1/100,000s
Wide Dynamic Range	120dB
Digital Noise Reduction	2D/3D DNR
Day and Night	ICR Cut Filter
Lens	<p>Type: Motorized Varifocal Focal Length: 2.7–13.5 mm Aperture: F1.6 Field of View: Horizontal 108°–34°, Vertical 58°–20°, Diagonal 129°–39°</p>
Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Electronic Image Stabilization, Region of Interest, Backlight Compensation, Highlight Compensation
Smart Analytics	<p>Motion Detection, Line Crossing, Intrusion Detection, Unattended Baggage Detection, Object Removal Detection, Region Entrance/Exit Detection, Fast Movement Detection, Loitering Detection, Parking Detection, Image Blur Detection, Audio Exception Detection, Scene Change Detection, Face Detection</p>