

## IQV-AC-231 SERIES

### CORROSION PROOF PTZ DOME CAMERA

with 2MP 30x Optical Zoom, ONVIF Compliant

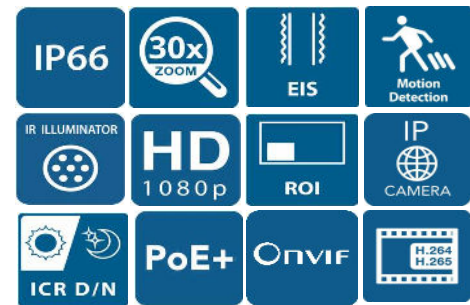
The IQV-AC-231 Series PTZ Dome Camera is engineered for mission-critical surveillance in demanding environments, delivering reliable full-HD monitoring with precision PTZ control. It features a 2MP optical sensor with 30x optical zoom, ensuring clear imaging performance even in low-light conditions. Designed for proactive security, the camera supports advanced functions such as intrusion detection, line crossing, loitering, and audio anomaly detection to enhance situational awareness. Its rugged, marine-grade aluminum housing ensures durability in extreme weather conditions and offers comprehensive protection against dust, water, lightning, and surge, certified to IP66 standards. Ideal for perimeter defence, industrial safety, and asset protection.

**INQUIVISION**  
PUSHING FORWARD LOOKING PERFORMANCE



### Additional Features

- Rugged Anti-Corrosion Aluminum Body
- IP66-Rated Weatherproof and Dustproof Protection
- Starlight-Level Low-Light Imaging
- True Day/Night Function
- Real-Time Full HD (1080p) Output
- Motion Detection, Intrusion Detection, Line Crossing Detection, Loitering Detection and Audio Anomaly Detection
- Electronic Image Stabilization and Defog
- ONVIF & SDK Compatibility



### TECHNICAL INFORMATION

GENERAL & MECHANICAL	
Operating Temperature	-40°C to +65°C
Ingress Protection	IP66 (Dustproof and Weatherproof)
Operating Voltages	DC12V/3A ±10%, PoE (IEEE 802.3at, Class 4)
Power Consumption	≤24W
Surge Protection	TVS 6000V Lightning & Surge Protection
Material	High-Strength Alloy Aluminium Die-Cast Shell
Relative Humidity	≤90% (non-condensing)
IR Illumination	Up to 80 meters
Mounting Options	Wall, Ceiling, Pole mount
Dimensions (Φ × H)	Ø160mm × 270mm
Weight	Approximately 2.8 kg

CERTIFICATION & COMPLIANCE	
Certifications	UL (Underwriters Laboratories) CE (European Conformity)
PTZ SPECIFICATION	
Pan Range	360°
Pan Speed	0.1° – 180°/s
Tilt Range	-18° to +95°
Tilt Speed	0.1° – 80°/s
Preset Position	Up to 255 Presets
Patrol / Tours	Up to 8 Programable Tours
Park Action	Pattern / Preset / Scan / Tour
Optical Zoom	30x Optical Zoom
Digital Zoom	16x Digital Zoom

## IQV-AC-231 SERIES

### CORROSION PROOF PTZ DOME CAMERA

#### TECHNICAL INFORMATION

VISUAL CAMERA	
Image Sensor	2MP, 1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080 pixels
Frame Rate	Main Stream: 25fps (1920×1080, 1280×960, 1280×720) at 50Hz; 30fps (1920×1080, 1280×960, 1280×720) at 60Hz  Sub Stream: 25fps (1280×720, 704×576, 640×480, 352×288) at 50Hz; 30fps (1280×720, 704×480, 640×480, 352×240) at 60Hz  Third Stream: 25fps (704×576, 640×480, 352×288) at 50Hz; 30fps (704×480, 640×480, 352×240) at 60Hz
Compression	Video: H.265, H.264 Video Bit Rate: 32Kbps~16Mbps  Audio: G.711a, G.711u, G.722.1, G.726, MP2L2, AAC, PCM Audio Bit Rate: 64Kbps (G.711), 16Kbps (G.722.1, G.726), 32 - 192Kbps (MP2L2), 16 - 64Kbps (AAC)
Minimum Illumination	Color: 0.0005 Lux @(F1.67, AGC ON); B/W: 0.0001 Lux @(F1.67, AGC ON)
Shutter Speed	1/25–1/100,000s
Day and Night	ICR Cut Filter
Lens	Focal Length: 5.1mm-153mm Optical Zoom: 30x Digital Zoom: 16x Field of View: 55.27° × 32.26° to 2.66° × 1.51° Aperture: F1.67–F3.67 Close Focus Distance: 100mm–1500mm
Image Settings	Color, Brightness, Sharpness, Contrast, Electronic Image Stabilization and Defog
Analytics	Motion Detection, Intrusion Detection, Line Crossing Detection, Loitering Detection and Audio Anomaly Detection

DORI				
Zoom Position	Detect	Observe	Recognize	Identify
Wide (5.1 mm)	73.3m	29.3m	14.7m	7.3m
Tele (153 mm)	1654.0m	662.0m	330.8m	165.0m
NETWORK				
Interface	RJ45 10Base-T/100Base-TX			
ONVIF	ONVIF (Profile S, Profile G)			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IPv6			