Series Three PTZ Camera

7 inch 4MP 37x Starlight IR Network PTZ Camera

IMC3-P-37x-400

Key Features

- 1/1.8" 4MP STARVIS™ CMOS

- 37x optical zoom and 16x digital zoom

- Supports face, human and vehicle detection and capture

- Supports smoke and fire detection as well as smart motion detection

- Auto tracking and perimeter protection, based on deep learning

- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way, illegal parking and people counting

- True WDR, 3D DNR, ICR, HLC, BLC, Defog and EIS

- Smart IR distance up to 400m

- IP66, IK10

- Standard wall mount bracket included

Specification

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2592(H) × 1520(V)
Min. illumination	Color: 0.001 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @ (F1.5, AGC ON), 0 Lux with IR
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Day & Night	Auto (ICR)

Lens

Focal Length	6.8 to 251 mm, 37x optical zoom
Aperture	F1.5 to F4.8
Angle of View	H: 60.7° to 2.33°, V: 36.8° to 1.38°
Zoom Speed	Approx. 2.5s
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic
Digital Zoom	16x

DORI Distance

Lens	Detect	Observe	Recognize	Identify
Wide	100m (328.1ft)	40m (131.2ft)	20m (65.6ft)	10m (32.8ft)
Tele	4,000m (13,123.4ft)	1,600m (5,249.3ft)	800m (2,624.6ft)	400m (1,312.3ft)

Illuminator

Illuminator Type	IR
Illumination Distance	Up to 400m (1,312.3ft)
Smart Illumination	Support

PTZ

Pan/Tilt Range	Pan: 0° to 360° endless, Tilt: -10° to +90°
Pan Speed	Pan speed: 0.1° to 300°/s, preset speed: 300°/s
Tilt Speed	Tilt speed: 0.1° to 300°/s, preset speed: 300°/s
Presets	400
Patrol Scan	6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol)

NDAA Compliant

Power-Off Memory	Support
3D Positioning	Support
PTZ Status Display	Support
Idle Motion	The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run.

Video	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1520, 2304×1296, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200kbps to 16Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Smart Encoder	Support
Region of Interest (ROI)	Support

Audio	
Audio Compression	G.711, RAW_PCM
Audio Bit Rate	64Kbps (G.711), 128Kbps (RAW_PCM)

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation
Mirror	Support
Exposure Mode	Auto/Manual
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, EIS
Wide Dynamic Range	True WDR
S/N Ratio	50dB
Privacy Masking	Supports 40 zones, mask color configurable

Smart Function	
Basic Event	Motion detection alarm, I/O alarm, Disk alarm, Network alarm
Multi-Object Detection	Supports face, human detection, vehicle detection and capture
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking, Smart motion detection (supports the accurate detection of vehicles and humans)

Smoke & Fire Detection	Support
People Counting	Support
Smart Tracking	Support

Network	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF, SDK, CGI
Streaming Method	Multicast
Max. User Access	10 Users
Web Viewer	IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English

Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	7ch Input, 2ch Output
RS-485	Support
CVBS Interface	Support
SD Card Slot	Built-in, up to 1TB

Electrical	
Power Supply	24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC
Power Consumption	Less than 45 W
Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, IK10, TVS4000V
Certifications	CE/FCC
Casing	Metal
Dimensions	ϕ226×362.8mm (ϕ8.9×14.28 inch)
Net Weight	5.5Kg (12.13lb)

NDAA Compliant

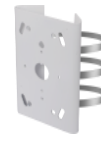**Please note: This camera includes wall mount bracket: IMCA-WB-02**

Accessories

Optional：

IMCA-JB-005
Junction Box

IMCA-CM-03
Corner Mount

IMCA-PM-007
Pole Mount

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