



EPC- PP8300RW

7" 5MP 30X IR PTZ (Wiper)

Features

- 1/2.8" progressive scan CMOS
- 30x optical zoom and 16x digital zoom
- Supports detection and capture of faces, humans, and vehicles, along with smoke and flame detection.
- Supports intelligent analysis for intrusion, single / double line crossing, loitering, wrong-way detection, illegal parking, smart motion detection, and people counting
- Auto tracking and perimeter protection based on deep learning
- True WDR, 3D DNR, ICR, Defog and Anti-shake
- Smart IR distance up to 200m
- IP66

Technical Specification

Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2592(H) × 1944 (V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON) , B/W: 0 Lux with light on
Day & Night	Auto (ICR)
Optical Zoom	30x
Digital Zoom	16x
Focal Length	5.3 to 159 mm
Max. Aperture	F1.6 to F4.3
Angle of View	H: 56.3° to 2.7°, V: 42.4° to 2.0°
Illuminator Type	IR
Illumination Distance	IR distance up to 200 m (656.2 ft)
Illuminator On/Off Control	Auto/Manual

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Technical Specification

Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 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 12Mbps Stream2: 100kbps to 6Mbps Stream3: 100kbps to 3Mbps
Region of Interest (ROI)	Support
Smart Encode	Support
Audio Compression	G.711 A-law, G.711 μ -law, RAW_PCM
Audio Bit Rate	64 kbps (G.711), 128 kbps (RAW_PCM)
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Exposure Mode	Support
Mirror	Auto/Manual
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Privacy Masking	Support 40 zones, mask color configurable
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR, Anti-shake
Wide Dynamic Range	True WDR
Wiper	Support
Iris Control	Auto/Manual
Focus Control	Auto/Manual/Semi-automatic

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Technical Specification

Detection	104 to 3,120 m (341.2 to 10,236.2 ft)
Observe	41.6 to 1,248 m (136.5 to 4,094.5 ft)
Recognize	20.8 to 624 m (68.2 to 2,047.2 ft)
Identify	10.4 to 312 m (34.1 to 1,023.6 ft)
Smoke and Flame Detection	Support
Multi-Object Detection	Supports face, human, vehicle detection and capture.
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, Illegal parking and Smart motion detection. Support alarm triggering by specified target types (human and vehicle)
People Counting	Support
Smart Tracking	Support
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	Pan speed: 0.1° to 300°/s, preset speed: 300°/s
Preset	400
Patrol Scan	6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol)
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.

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Technical Specification

Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output
Protocols	IPv4/IPv6, RTSP/ RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPoE, UPnP, ICMP IGMP, FTP, NTP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	7ch Input, 1ch Output
RS-485	Support
BNC Interface	1 BNC (CVBS output)
SD Card Slot	Built-in, up to 256GB
Power Consumption	Less than 45 W
Power Supply	24VAC/36VDC/PoE++ (IEEE 802.3bt), Standard Equipped: 36VDC
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A12021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014) CE-LVD (EN 62368-1:2014+A11:2017) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)

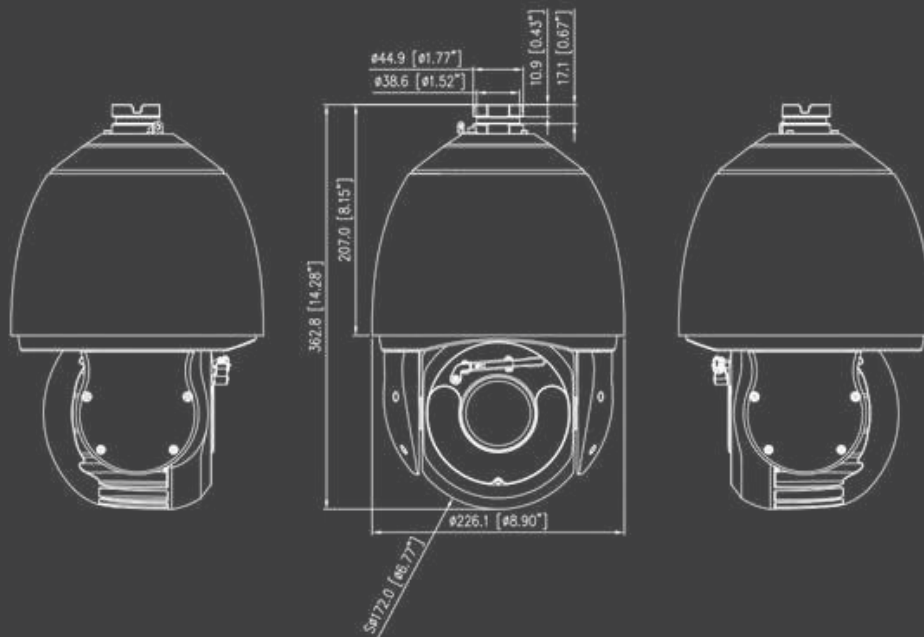
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Technical Specification

Operating Temperature	-40°C to 60°C (-40°F to 140 °F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Casing	Metal
Net Weight	5.5 kg (12.13 lb)
Dimensions	226.1mm (W) × 362.8mm (H)

Dimension



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Accessories - Optional



EP-CBK506B - Wall Bracket



EP-BK604B - Pole Mount



EP-BK359 - Pole Mount



EP-BK367 - Junction Box



EP-BK605 - Corner Mount



EP-BK358 - Corner Mount



EP-BK348A - Ceiling Bracket

Ordering Information

EPC-PP8300RW	Entrypass 7" 5MP 30X IR PTZ (Wiper)
EP-CBK506B	Wall Bracket
EP-BK604B	Pole Mount
EP-BK359	Pole Mount
EP-BK367	Junction Box
EP-BK605	Corner Mount
EP-BK348A	Ceiling Bracket



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