

4MP Outdoor IR HD PTZ Camera

COS4121RB1X

VISION

Features

- 4MP H.265 full real time coding
- Up to 2560x1440 resolution
- PoE+ and DC12V
- Intelligent Video content analytics
- 4 X optical zoom
- 4 IR LED's, 2 white LED's
- TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE
- IP66 ingress protection
- Built-in Mic and Speaker
- Surge protection
- NDAA Compliant



Specifications

Camera	
Image Sensor	1/2.7" progressive scan CMOS with BSI and NIR+ technology
Image Size	2560 x 1440 (4MP)
Min. Illumination	Color 0.01 Lux @ (F1.6 AGC ON) B/W 0.002Lux @ (F1.6 AGC ON), 0 Lux with IR
Shutter Speed	1/15 s – 1/250,000 s
Field of View	Horizontal: 97° to 31°±5%; Vertical: 51° to 18°±5%; Diagonal: 115° to 36°±5% (wide-tele)
Lens	f=2.8-12mm lens, 4x optical
S/N Ratio	≥52dB
Day/Light	Auto/Manual
IR	IR Array of four, auto switch with zoom ratio
Smart IR	Yes
White light	Two White LED

Interfaces	
Network	10 Base-T/100 Base-TX, RJ45
Main Stream	25fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720); 30fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720)
Sub Stream	25fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288) 30fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Third Stream	25fps (704 × 576, 640 × 480, 352 × 288) 30fps (704 × 480, 640 × 480, 352 × 240)
Video Compression	Smart H.265+/H.265/H.264+/H.264/MJPEG
Bit Rate	64Kbps ~ 16Mbps
Audio compression	G.711 A/U
Audio Bit Rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering

Interface Protocol ONVIF

PTZ	
Pan Range	0~355°
Pan Speed	Configurable, from 0.5~80°/s; Preset speed: 80°/s
Tilt Range	From -5° to 90°
Tilt Speed	Configurable, from 0.5°~ 60°/s, Preset speed: 60°/s
Pan/Tilt Action Interval	At least 10seconds, adjustable
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises.
Trace	4 traces, record time over 3 minutes for each trace
Power off Memory	Support
Action Mode	Preset/Cruise/Trace/Auto Scan/Random Scan
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot

Integration	
Ext. Audio Interface	1-ch audio input (mic in), 2.0-2.4Vp-p, 1kΩ±10%; 1-ch audio output (line out), line level, impedance: 600Ω
Built-in MIC	1channel, rotation with camera lens direction, up to 8m distance voice recordable.
Built-in Speaker	Yes, One Speaker, 4Ω, 2.5 2.5Watt. Rotation with camera, up to 30m distance audible
Audio Device Switch	Default use built-in speaker and MIC, manually switch to external
Alarm Interface	1CH alarm input (Dry contact) 1CH alarm output
Alarm Linkage	Alarm actions, such as preset, cruise, trace, memory card video record, trigger recording, notify surveillance center, upload to FTP/memory card, send email.
Storage Slot	Standalone memory card chamber, support microSD/TF card, up to 256GB
Water Removal	Dust and Water-resistant coating

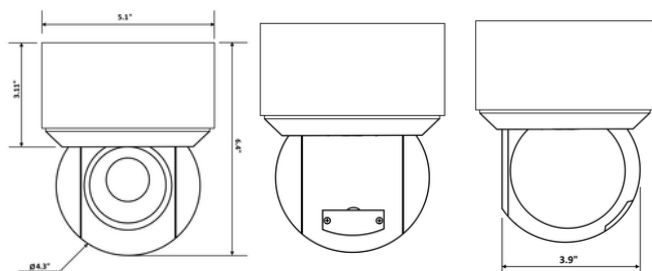
Intelligence	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Face Detection	Human face detection
Road Traffic	Vehicle detection and tracking.
Smart Detection	Bi-directional line crossing, illegal intrusion detection, region entrance detection, region exit detection
Smart Tracking	Smart tracking of human or vehicle, auto/manual.
Active Deterrence	Flash white light and predefined voice message on zone intrusion. Support 10 predefined voice clips

Specifications

Miscellaneous	
Languages	Czech; English, German, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Romanian, Spanish, Spanish (Mexico), Simplified Chinese, Turkish, Traditional Chinese.
Power	DC12V $\pm 20\%$, 2000mA, or PoE+ (802.3.at,class 3), AVG 3.3W, MAX14.9W at day;18.9W at night (LED on + Speaker on + PTZ working)
Operating Conditions	-40°C ~ 55°C (-40°F ~ 131°F) IR off, -40°C ~ 40°C IR on; Cold start $\geq -25^{\circ}\text{C}$ (1Hour waiting), $\leq 90\%$
Storage Conditions	-40°C ~ 70°C ; $\leq 95\%$ RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Main body: Aluminum Alloy (ADC12), Decoration: Polymer (Glass fiber and Plastic)
Dimensions	$\varnothing 5.1' \times 6.4'$ ($\varnothing 130\text{mm} \times 162\text{mm}$)
Net Weight	Approx. 2.645lb (1.2Kg)
Certification	IP66, IK10, ROHS, CE, FC, UKCA, NDAA

Ordering Information

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Make the Intelligent Choice

For more information about PMT Security products, view demonstrations, or to discuss your company's needs contact the PMT Security team at **727-786-1900**.

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