

8MP Panoramic 2.8mm Fixed Bullet Camera

COP822D2BAX

VISION

Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max.resolution: 8MP (4640 × 1760)
- ICR auto switch, true day / night vision
- Support smart supplement light
- Up to 30 m IR night view distance; up to 20m white light distance
- 3D DNR, WDR, HLC, BLC and ROI coding
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 protection grade
- Blue and red light warning (flashing alternately)



Specifications

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS × 2
Image Size	4640×1760
Min. Illumination	0.0032 lux@F1.6, AGC ON; 0 lux with LED ON
Electronic Shutter	1/3s ~ 1/100000s
Iris Type	Fixed Iris
Lens Mount	M12
Lens	2.8mm @F1.6
Wide Dynamic Range	Digital WDR
Field of View	Horizontal 180°; Vertical 66°
BLC	Yes
HLC	Yes
Defog	Yes
Day / Night	Auto
S/N Ratio	≥50dB
Digital NR	3D DNR
Angle Adjustment	Pan 0~360; Tilt 0~75; Rotation 0~360

Image	
Resolution	8MP, 6MP, 4MP, 2MP and others
Video Compression	Main: H.265+/H.265/H.264+/H.264; Sub/Third include MJPEG
Image Setting	ROI, Saturation, Brightness, Hue, Contrast, WDR, Sharpness, NR
H.264 Profile	Baseline/Main/High
Main Stream	Up to 30fps
Sub Stream	Up to 30fps
Third Stream	Up to 30fps
Bit Rate	64Kbps~10Mbps
Bit Rate Type	VBR/CBR
Audio Compression	G711A/U
ROI	Each ROI configured separately

Interfaces	
Network	RJ45 10/100M
Audio	1 in, 1 out, built-in speaker, 2 MICs
Video Output	No
Reset	Yes
Alarm	1 alarm in, 1 alarm out
Storage	MicroSD up to 256GB

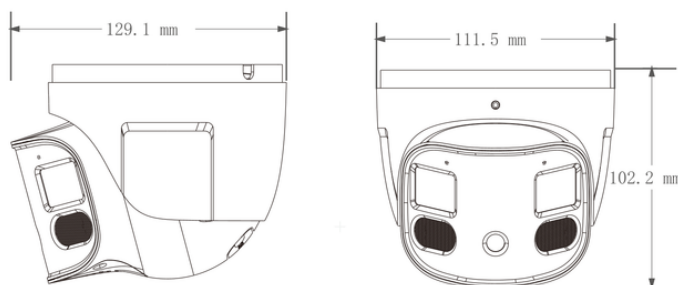
Analytics	
Smart Event	Line crossing, intrusion, loitering, parking, missing object
Statistics	Target counting, heat map
Exception Detection	Scene change, blur, abnormal color, audio
Face Detection	Face detection and capture
Video Metadata	Human, vehicle and non-motor classification

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Lens	Detect	Observe	Recognize	Identify
2.8mm	60m (196ft)	24m (79ft)	12m (39ft)	6m (20ft)

Network	
Web Browser	Chrome 89+, Edge 89+, Firefox 87+, Safari 14+
Online Connection	Up to 10 users; multi-stream transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP,
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection,
General Function	Watermark, video mask, heartbeat, smart supplement light, ANR, cloud upgrade
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login
PoE	IEEE802.3af

Miscellaneous	
Power Supply	DC12V/PoE
Power Consumption	PoE max 10.2W; DC12V max 9W
IR Distance	IR up to 30m; White light up to 20m
Ingress Protection	IP66
Operating Environment	-30C to 60C, <95% RH
Storage Conditions	-30C to 65C, <95% RH
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	RoHS, WEEE, REACH
Dimensions	111.5 x 102.2 mm
Weight (net)	Approx. 0.719kg

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**.