



Cyber
Security



Artificial
intelligence



1/2.7"
CMOS sensor



WARM LIGHT



Dual
illumination

BASE-HT8F28

8MP Smart Dual Illumination Turret Network Camera



KEY FEATURE

- 1/2.7" progressive scan CMOS
- Max. 8MP(3840×2160) @25fps resolution
- 2.8mm fixed lens (4mm optional)
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection
- Intelligent analysis: intrusion, single/double line crossing, loitering, wrong way, illegal parking, smart motion detection, people counting
- Built-in microphone and speaker
- Built-in IR LED and warm light, IR distance up to 30m, warm light distance up to 20m
- Built-in micro SD card slot (up to 1 TB)
- IP66 protection

ACCESSORIES



JB-811
Junction Box



PC-203
Pendant Cap



PM-841
Pendant Mount



WM-831
Wall Mount



WM-832
Wall Mount

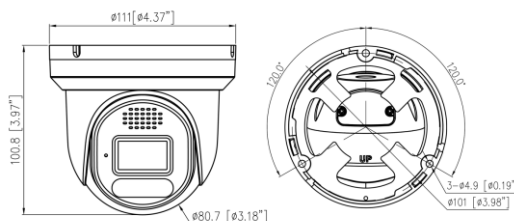


PM-852
Pole Mount



CM-861
Corner Mount

DIMENSIONS (MM)



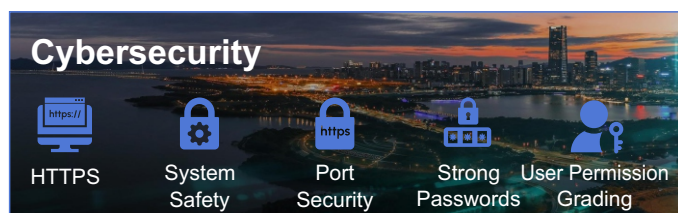
PLUG AND PLAY



SMART MOTION DETECTION



CYBERSECURITY



FREE STANDARD EMBEDDED ANALYTIC





SPECIFICATION				
CAMERA				
Image Sensor	1/2.7" Progressive Scan CMOS			
Max. Resolution	8MP (3840×2160)			
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s			
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with Light on			
Day & Night	IR cut filter			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0°~355°, Tilt: 0°~80°, Rotation 0°~360°			
LENS				
Lens Type	Fixed lens, Fixed focal			
Iris	Fixed Iris			
Focal Length	2.8 mm, 4 mm optional			
Max. Aperture	F1.6			
Field of View (FOV)	2.8 mm: H: 109.5°, V: 59.8°; 4 mm: H: 91.5°, V: 46.3°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	84.2m (276.2ft)	33.7m (110.6ft)	16.8m (55.1ft)	8.4m (27.6ft)
4 mm	113m (370.7ft)	45.2m (148.3ft)	22.6m (74.1ft)	11.3m (37.1ft)
DORI (Detect, Observe, Recognize and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.				
ILLUMINATOR				
Illuminator Type	IR, Warm light			
Illumination Distance	IR distance up to 30 m (98.4 ft), Warm light distance up to 20 m (65.6 ft)			
Illum. On/Off Control	Auto/Manual			
VIDEO				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 3840×2160, 2880×1620, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @25fps Stream2: D1, VGA, CIF @ 25fps Stream3: VGA, CIF, QVGA @ 25fps (Enable WDR is 20fps)			
Bit Rate Control	CBR/VBR			
Bit Rate	Stream1: 200kbps~16Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps			
Smart Encode	Support			
Region of Interest	Off/On (8 areas, Rectangle)			
IMAGE				
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable			
Scene Mode	Indoor, Outdoor, Mirror, Corridor mode			
Exposure Mode	Auto, Manual, Shutter priority			
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual			
Day/Night Setting	Auto, Day, Night, Timer			
Noise Reduction	2D/3D DNR			
Image Enhancement	HLC, BLC, Defog, WDR			
Privacy Masking	4 areas			

INTELLIGENT ANALYTICS	
Multi-Object Detection	Supports face, human, vehicle detection
Intelligent Analysis	Intrusion, Single/Double line crossing, Loitering, Wrong way and Smart motion detection, Illegal parking, People counting Support alarm triggering by specified target types (human and vehicle)
AUDIO	
Compression	G.711 A-law, G.711 μ-law, RAM PCM
Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
EVENT	
Alarm Triggers	IVS, Motion detection, Network alarm, Disk alarm, Abnormal sound detection
Events Actions	Alarm record, FTP upload, SMTP upload, Audible alarm output, White light alarm output
NETWORK	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTP/RTCP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, 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
INTERFACE	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in Microphone	Support
Built-in Speaker	Support
Reset Button	Support
SD Card slot	Built-in, up to 1TB
GENERAL	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	DC12V (-15%~+25%)/POE (802.3af)
Power Consumption	Basic: 2 W (IR OFF), Max 9 W (IR ON + Speaker)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC (EN 55032:2015+A1:2020, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014).
Material	Aluminum alloy body + Plastic
Dimensions	φ111 × 100.8 mm (φ4.37 × 3.97 inch)
Net Weight	0.43 kg (0.95 lb)