



BASE-HT5F28

5MP Smart Dual Illumination Turret Network Camera



KEY FEATURE

- 1/2.7" progressive scan CMOS
- Max. 5MP(2880×1620) @25/30fps resolution
- 2.8mm fixed lens (4mm optional)
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- 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 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

CYBERSECURITY

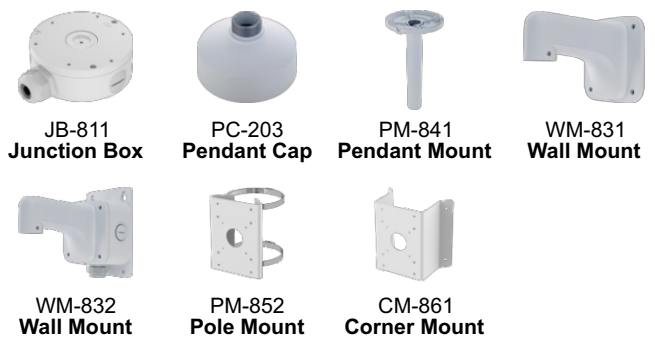
Cybersecurity

HTTPS System Safety Port Security Strong Passwords User Permission Grading

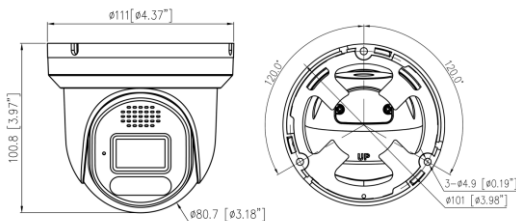
FREE STANDARD EMBEDDED ANALYTIC



ACCESSORIES



DIMENSIONS (MM)



PLUG AND PLAY



SMART MOTION DETECTION





SPECIFICATION				
CAMERA				
Image Sensor		1/2.7" Progressive Scan CMOS		
Max. Resolution		5MP (2880×1620)		
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: 110.9°, V: 60°; 4 mm: H: 91.8°, V: 46.3°		
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	64m (210ft)	25.6m (842ft)	12.8m (42ft)	6.4m (21ft)
4 mm	96m (315ft)	38.4m (126ft)	19.2m (63ft)	9.6m (31.5ft)
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: 2880×1620, 2560×1440, 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~12Mbps 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 and capture
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)