



ULTRA-HB8M

8MP Starvis Smart Dual Illumination Varifocal Bullet Network Camera



KEY FEATURE

- 1/1.8" STARVIS CMOS
- Max. 8MP(3840×2160) @25/30fps resolution
- 3.6~11mm motorized focal lens
- True WDR, 3D DNR, ROI, HLC, 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
- 1/1 audio input/ output, 1/1 alarm input/ output
- Built-in microphone and speaker
- Built-in IR and warm light, IR distance up to 60m, warm light distance up to 50m
- Built-in micro SD card slot (up to 1 TB)
- IP66 protection

ACCESSORIES

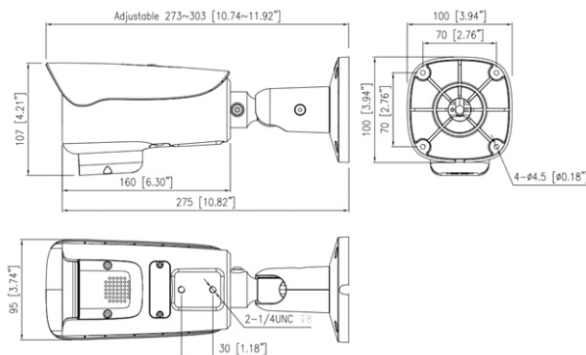


JB-813
Junction Box

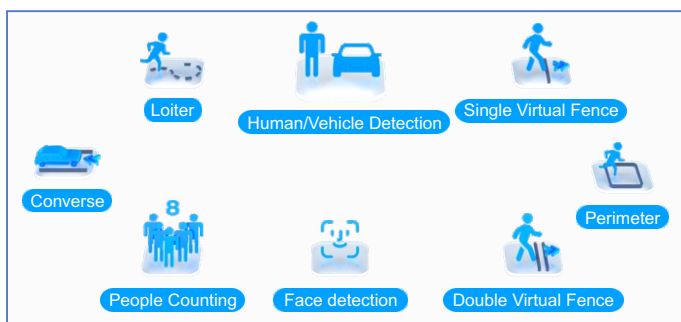


PM-851
Pole Mount

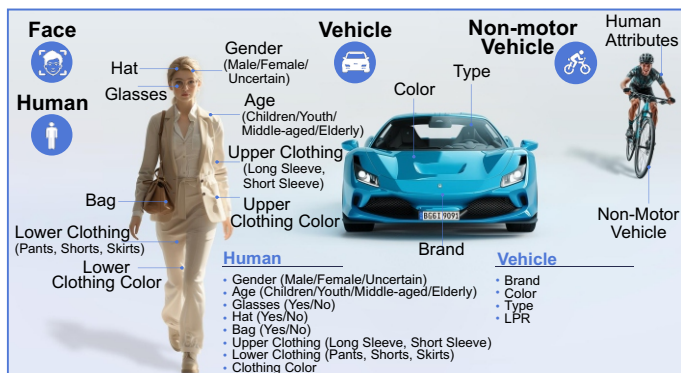
DIMENSIONS (MM)



FREE STANDARD EMBEDDED ANALYTIC



OPTIONAL EXTENSIBLE ANALYTICS





SPECIFICATION				
CAMERA				
Image Sensor	1/1.8" Progressive Scan CMOS			
Max. Resolution	8MP (3840×2160)			
Electronic Shutter	Auto/Manual, 1/5 ~ 1/20,000s			
Min. illumination	Color: 0.003 Lux @ (F1.3, AGC ON), 0 Lux with light on			
Day & Night	Auto (ICR)			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0°~360°, Tilt: 0°~90°, Rotation 0°~360°			
LENS				
Lens Type	Varifocal lens, Motorized focal			
Iris	DC Iris			
Focal Length	3.6 ~ 11 mm			
Max. Aperture	F1.3			
Field of View (FOV)	H: 113.4°~48.9°, V: 59°~26.6°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
Wide(3.6mm)	85.4m (280.2ft)	34.2m (112.2ft)	17.1m (56.1ft)	8.5m (27.9ft)
Tele(11mm)	184.8m (606.3ft)	73.9m (242.5ft)	37m (121.4ft)	18.5m (60.7ft)
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 60 m (196.9 ft) Warm light distance up to 50 m (164.0 ft)			
Illum. On/Off Control	Auto/Manual			
VIDEO				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 3840×2160, 2592×1944, 2592×1520, 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~16Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps			
Smart Encoder	Support			
Region of Interest	Off/On (8 Zone, Rectangle)			
IMAGE				
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable			
Aisle Mode	Support			
Mirror	Support			
White Balance	Auto/Manual			
Day/Night Setting	Auto, Day, Night, Time			
Noise Reduction	2D/3D DNR			
Image Enhancement	HLC, BLC, Defog, WDR			
Privacy Masking	4 areas			

SMART FUNCTION	
Multi-Object Detection	Supports face, human, vehicle detection and capture
Smart Events	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, Alarm input, Network alarm, Disk alarm, Abnormal sound detection
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output, White light alarm output
NETWORK	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTP/ 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
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
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 (-10%~+25%)/POE (IEEE 802.3af)
Power Consumption	Basic: Max 3.4 W (without light), Max 7 W (with light). Max. (Focus + WDR + Speaker + Light on): 9.8 W
Operating Temperature	-40°C ~ 60°C (-40°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+A12021, EN 61000-3-3:2013+A2:2021, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014).
Material	Aluminum alloy + plastic
Dimensions	303×100×107 mm (11.9 × 3.94 × 4.21 inch)
Net Weight	1.25 kg (2.76 lb)