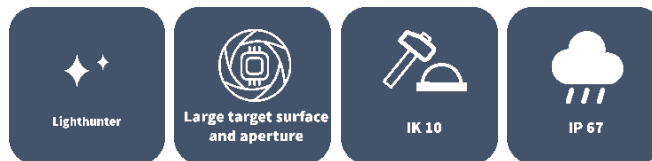




# 8MP Light Hunter Intelligent Bullet Network Camera

DB8I100MZ PRO



## Key Features

- High quality image with 8MP, 1/1.8" CMOS sensor
- 3840\*2160@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Five streams
- Light Hunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- DC12V or AC24V or PoE (IEEE 802.3at) power supply
- Wide voltage range of  $\pm 25\%$  in AC,  $-10\% \sim 25\%$  in DC
- Audio 1 in and 1 out, Alarm 2 in and 1 out
- Smart IR, up to 100m (328ft) IR distance
- Micro SD, up to 256GB
- IP67 ingress protection
- IK10 vandal resistant



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## Specifications

Camera	DB81100MZ PRO				
Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour:0.002lux (F1.2, AGC ON) 0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°				
WDR	120dB				
S/N	>56dB				
<b>Lens</b>					
Lens type	2.8-12mm@F1.2, AF automatic focusing and motorized zoom lens				
Iris	Auto aperture				
Angle of View (H)	41.6°~106.5°				
Angle of View (V)	24.0°~55.0°				
Angle of View (O)	47°~126°				
<b>DORI</b>					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0(206.6ft)	25.2(82.6ft)	12.6(41.3ft)	6.3(20.7ft)
	12	270(885.6ft)	108(354.2ft)	54(177.1ft)	27(88.6ft)
<b>Illuminator</b>					
IR Range	Up to 100m (328 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265,H.265,H.264,MJPEG				
Frame Rate	Main Stream: 8MP(3840*2160),Max 30fps; 4MP(2560*1440),Max 30fps; 2MP(1920*1080),Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps Fourth Stream: D1 (720*576), Max 30fps Fifth Stream: D1 (720*576), Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
H.264 Type	Baseline Profile/Main Profile/High Profile				
H.265 Type	Main Profile				
U-code	Support				
ROI	Support				
Video stream	Five streams				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas(8 blacks/8 mosaics)				



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Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm, Defocus detection, Scene change detection, Face detection, Face recognition
Exception Detection And Statistics	Object Moving, Object Left
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Audio Bitrate	64 Kbps
Two way audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard station
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A
Network	1 x RJ45 10M/100M/1000M Base-TX Ethernet
Video Output	N/A



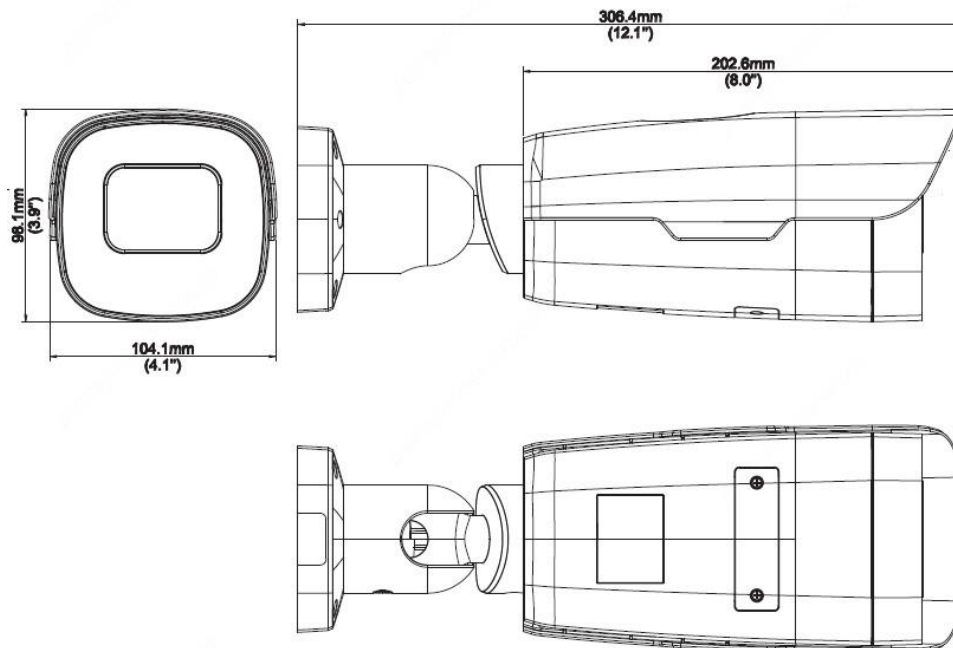
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General	
Power	AC24V±25%, DC12V(-10%~+25%), PoE (IEEE802.3at)
	Power consumption: Max 14W
Power Interface	Wires with cold-pressed terminal
Dimensions (Ø x H)	Φ306.4x104.1x98.1mm(Φ12.1"x4.1"x3.9")
Weight	1.60kg(3.52lb)
Working Environment	-40°C ~60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C ~70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Vandal Resistant	IK10
Ingress Protection	IP67
Reset button	Support

## Dimensions



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