



8MP Light Hunter Intelligent Vandal-resistant Dome Network Camera

DD8I40MZ PRO



Key Features



Optics

- 1/1.8", Powered by light hunter
- Smart IR, up to 40m (131 ft) IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)

Smart

- Automatic selection of best snapshots
- Face recognition, support front-end face recognition comparison, support blocklist and allowlist comparison
- Max supports 100000 faces in face library
- Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute collection
- People counting, support tripwire people counting and area people counting
- Smart intrusion Prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Exception Detection and Statistics, include Object Moving, Object Left, Defocus, Scene Change

Compression

- Ultra 265, H.265, H.264, MJPEG
- Five streams
- 3840*2160@30fps in the main stream
- ROI (Region of Interest)



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Extra Benefits, Less Price
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Network

- ONVIF Conformance

Structure

- DC12V or AC24V or PoE power supply
- Wide voltage range of $\pm 25\%$ in AC, $\pm 25\%$ in DC
- Micro SD, up to 256 GB
- Alarm 1 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

Specifications

Camera	DD8140MZ PRO				
Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8-12mm@F1.2, AF automatic focusing and motorized zoom lens				
Iris	Auto aperture				
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)
Field of View (H)	41.6°~106.5°				
Field of View (V)	24°~56°				
Field of View (D)	57°~126°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0°~355°		Tilt: 0°~68°		Rotate: 0°~355
Min. Illumination	Colour:0.002lux (F1.2, AGC ON) 0 lux with IR				
WDR	120dB				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 40m (131 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
Video					
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; Forth Stream: D1 (720*576), Max 30fps; Fifth Stream: D1 (720*576), Max 30fps				



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Video Bit Rate	128 Kbps~16 Mbps
ROI	Supported
Video stream	Five streams
OSD	0Up to 8 OSDs
Privacy Mask	Up to 8 areas(8 blacks/8 mosaics)
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
Smart	
Smart intrusion Prevention	Support false alarm filtering, Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Exception Detection And Statistics	Object Removed, Object Left Behind, Defocus, Scene Change
Object Detection	Face capture, support human body and face associated ; Audio detection, Face recognition, Metadata
Face Recognition	Max support 16 face libraries Max supports 100000 faces in face library Support monitoring task, blocklist and allowlist comparison
Metadata	Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute collection
Statistical Analysis	People counting, support tripwire people counting and area people counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Two way audio	Supported
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
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Guard Station
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Interface	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1 x RJ45 10M/100M/1000M Base-TX Ethernet



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Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	AC24V±25%, DC12V(±25%), PoE(IEEE 802.3af)
	Power consumption: Max 11W
	Support overcurrent protection and Input short circuit protection
Dimensions (∅ x H)	∅148 x 111.3mm(∅5.8" x 4.4")
Net Weight	1kg(2.2lb)
Material	Metal
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

Dimensions

