



# 5MP Light Hunter Intelligent Bullet Network Camera

DB5I50MZ-V2 PRO



## Key Features



## Optics

- 1/2.7", Powered by light hunter
- Smart IR, up to 50m(164 ft.)IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)

## Smart

- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios

## Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 2592\*1944@20fps in the main stream
- ROI (Region of Interest)

## Network

- ONVIF Conformance

## Structure

- DC12V or PoE power supply
- Wide voltage range of  $\pm 25\%$  in DC
- Micro SD, up to 256 GB



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Extra Benefits, Less Price  
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- Alarm 1 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

## Specifications

Camera		DB5I50MZ-V2 PRO				
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS					
Lens	2.7~13.5mm@F1.2, AF automatic focusing and motorized zoom lens					
Iris	Auto aperture					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.7	70.9(232.5ft)	28.4(93.0ft)	14.2(46.5ft)	7.1(23.3ft)	
	13.5	247.5(812.0ft)	99.0(324.8ft)	49.5(162.4ft)	24.8(81.2ft)	
Field of View (H)	26.8°~93.1°					
Field of View (V)	20.7°~66.0°					
Field of View (D)	31.6°~121.0°					
Shutter	Auto/Manual, 1 ~ 1/100000s					
Min. Illumination	Colour:0.001lux (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 50m (164 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: 5MP(2592*1944),Max 20fps; 4MP(2560*1440),Max 30fps; 3MP(2304*1296),Max 30fps; 2MP(1920*1080),Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps;Third Stream: D1 (720*576), Max 30fps					
Video Bit Rate	128 Kbps~16 Mbps					
ROI	Supported					
Video stream	Triple streams					
OSD	Up 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					



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<b>Intelligent</b>	
Smart intrusion Prevention	Smart intrusion Prevention
Statistical Analysis	Statistical Analysis
<b>Events</b>	
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering,, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Exception Detection And Statistics	Object Removed, Object Left Behind
<b>Audio</b>	
Audio Compression	G.711U,G.711A
Two way audio	Supported
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
<b>Network</b>	
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
<b>Interface</b>	
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 Base-TX Ethernet
<b>Certifications</b>	
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)



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General	
Power	DC12V(±25%), PoE(IEEE802.3af)
	Power consumption: Max 10W
	Support overcurrent protection and input short circuit protection
Dimensions (∅ x H)	∅245.0x86.0x72.0mm(∅9.6''x3.4''x2.8'')
Net Weight	0.98kg(2.16lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°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

