

Pro Pool Bullet Camera

4 Megapixels Dual Lens Panoramic Camera

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Specification

Camera					
Sensor	1/2.9", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour:0.0005 (F1.0, AGC ON);0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
WDR	DWDR				
S/N	>56dB				
Lens					
Lens type	2 * 4mm@F1.0				
Iris	Fixed				
Field of View	H: 160°	V: 43.22°	O: 180.13°		
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4	64.3m(210ft)	25.7m(84ft)	12.9m(42ft)	6.4m(20.7ft)
Illuminator					
IR Range	Up to 30m (98ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream:4MP(3840*1080), Max 25fps; Sub Stream: 1920*540, Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Video Stream	Double streams				
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				
Dewarping	N/A				
HLC/BLC	Support				
Defog	Digital Defog				
Intelligent					
Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection				
Statistical Analysis	People counting, support people flow counting and crowd density monitoring(Only Channel 1)				
Events					
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection				
General Function	Watermark, IP address filtering, Tampering alarm, Access policy, ARP protection, RTSP authentication, User authentication				

Features

- High quality image with 4MP, 1/2.9"CMOS sensor
- 4MP (3840*1080)@25fps (Human Body Detection off) ; 4MP (3840*1080)@20fps (Human Body Detection on)
- The double lens splicing technology is adopted to realize the horizontal viewing angle of 160.00°±10°
- Ultra 265, H.265, H.264, MJPEG
- Support Human Body Detection
- Colorhunter technology ensures 24-hour full-color images
- Alarm:1 in/1 out
- Audio: 1 in/1 out
- Built-in speaker and dual mics
- Support 256 GB micro SD card
- 12V DC/PoE power supply



Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio/Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	
IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH	
Compatible Integration	
ONVIF (Profile S, Profile T, Profile G), API, SDK	
User/Host	
Up to 32 users. 3 user levels: administrator, common user and operator	
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	
EZStation, EZView, EZLive	
Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above	
Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above	
Web Browser	
Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above	
Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above	
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Serial Port//WIFI/Video Output	N/A
Built-in Mic	Built-in two Mics
Built-in Speaker	Support
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment Protection	CE-RoHS (2011/65/EU;EU)2015/863; WEEE(2012/19/EU) IP67 (IEC 60529) IK1.0 (IEC 62262)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 9.1w
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	273× 130 × 76mm (10.7" × 5.1" × 3.0")
Weight	0.95kg(2.09lb)
Material	Metal
Working/Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support