

PRO

8MP Smart Hybrid Light with Full-color QubeMind Fixed Bullet Network Camera

IPC-B38-IL(E)



- High quality imaging with 8 MP resolution
- Smart hybrid light
- Live defender
- QubeMind
- 130 dB WDR 3 Streams
- IP67 protection
- F1.0 aperture

Specifications

Item	Parameter
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840*2160(8MP)
Min. Illumination	0.003 lux@F1.0 (Color, 30 IRE) 0.0003 lux@F1.0 (B/W, 30 IRE) 0 lux (illuminator on)
Shutter Time	1/3 s to 1/100,000 s
Day/Night	IR-cut filter with auto switch (ICR)
Wide Dynamic Range	130 dB
Angle Adjustment	Pan, 0°to 360°, tilt, 0°to 90°, rotate, 0°to 360°
Lens	
Focal Length & FOV	2.8 mm, H: 100°, V: 55°, D: 116° 4 mm, H: 82°, V: 44°, D: 97°
Aperture Ratio	F1.0
Iris Control	Fixed
DORI	2.8mm, D: 74.7m, O: 30.1m, R: 14.9m, l: 7.5m 4mm, D: 106.7m, O: 43m, R: 21.3m, l: 10.7m
Illuminator	
Illuminator Number	IR(2), White Light(2)
Illumination Distance	IR up to 40m, warm light up to 40m
IR Wavelength	850nm
Smart Supplement Light	Yes

Specifications

Item	Parameter
Video	
Video Compression	H.265+/H.265/H.264+/H.264
Main Stream	3840 × 2160@(1-25/30 fps)
Sub Stream	D1 (704 × 576/704 × 480)@(1-25/30 fps)
Third Stream	1080P@ (1-25/30 fps)
Resolution	8M (3840 × 2160);6M(3200*1800); 5M (2880*1620) ; 4M (2560*1440) ; 1080p (1920 × 1080); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Video Bit Rate	256 Kbps - 8 Mbps
Image	
Backlight Compensation	BLC, HLC, WDR
White Balance	Auto; Manual; Tungsten lamp; Daylight; Sunny; Overcast ; Shadow
Digital Noise Reduction	2D NR, 3D NR
Video Rotation	0°/90°/180°/270°
Privacy Masking	4 areas
OSD	Yes
S/N Ratio	> 56 dB
Region of Interest (ROI)	8 areas
Audio	
Audio Compression	G.711a; G.711u; G.726; PCM
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.726)/16Kbps(PCM)

Specifications

Item	Parameter
Network	
Network Protocol	IPv4; IPv6; HTTP; DHCP;FTP;PPPOE;RTSP; ONVIF;DDNS;SNMP;UPNP;SSDP;Bonjour;802.3X; QoS
API	ONVIF (Profile S/Profile G/Profile T); SDK; API
User/Host	Up to 10 users 3 user levels, administrator, operator, and use
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-LEAP, EAP-MD5), IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, control timeout settings, security audit log, TLS 1.1/1.2/1.3.
Network Storage	FTP; Micro SD card (support max. 512 GB)
Client	iOS; Android
Browser	IE11: 11.0.9600 Chrome57: Blink Firefox: Quantum 90 Edge: edge126.0.2592.102 Safari 2023 version and above
Intelligence	
Smart Intrusion Prevention	SMD, intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human, bicycle)
Statistical Analysis	People counting, heatmap
Face Capture	Support
Event	
Basic Detection	Motion detection; video tampering; audio detection.alarm in
General Function	SD card full; SD card error; network disconnection; IP conflict; illegal access;
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Audio I/O	1/1
Alarm I/O	1/1
Built-in Mic	Support
Built-in Speaker	Support

Specifications

Item	Parameter
Video Output	N/A
Reset Button	Support
Edge Storage	Micro SD/SDHC/SDXC slot Max. 512GB
General	
Linkage Method	Upload to FTP/memory card, trigger recording, trigger capture, send email
Camera Material	Front cover: metal, body: metal, bracket: metal
Camera Dimension	Ø 90 mm × 232.6mm (3.54"x 9.16")
Package Dimension	278*127*100mm (10.94"x 5" x 3.94")
Camera Weight	0.80kg (1.76lb)
With Package Weight	0.94kg (2.07lb)
Operating Temperature/Humidity	-30°C ~ 60°C (-22°F ~ 140°F), humidity, ≤95% RH (non-condensing)
Storage Temperature/Humidity	-40°C ~ 70°C (-40°F ~ 158°F), humidity, ≤95% RH (non-condensing)
Power Supply	12 VDC ± 25%, PoE (IEEE 802.3af)
Power Consumption	Max 8.1W
Power Interface	Ø5.5 mm coaxial power plug
Surge Protection	2k
Approval	
EMC	CE-EMC FCC
Safety	CE-LVD
Environment	CE-RoHS
Protection	IP67

Dimensions

