



8MP IR Fixed-focal Turret Network Camera

QC-IPC-T38-I-EU



- High Quality Imaging With 8MP Resolution
- Live Defender
- IP67 Protection
- Smart Perimeter Protection, Statistical Analysis and Face Capture
- Two-Way Talk
- True WDR

Specifications

Item	Parameter
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	3840×2160(8MP)
Min. Illumination	Color: 0.004 Lux@(F1.0,AGC ON),0 Lux with light
Shutter Time	1/3s to 1/100,000s
Day/Night	IR-cut filter with auto switch (ICR)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Lens	
Lens Type	Fixed-focal
Focal Length	2.8mm; 4mm
Field of View	2.8mm: H:111°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°
Max. Aperture	F1.0
Depth of Field	2.8mm: 1.35m~∞ 4mm: 2.1 m~∞
Iris Control	Fixed
Lens Mount	M12
DORI	2.8mm,D:84.1m,O:33.7m,R:16.8m,l:8.4m 4mm,D:120.2m,O:48.1m,R:24.0m,l:12.0m
Illuminator	
Illuminator Number	IR(2)
Illumination Distance	IR up to 30m
IR Wavelength	850nm
Smart Supplement Light	Support

Specifications

Item	Parameter
Video	
Video Compression	H.265/H.264
Smart Codec	Smart H.264, Smart H.265
H.264 Code Profile	Baseline Profile, Main Profile, High Profile
Resolution	8M(3840×2160)/6M(3200×1800);5M(2880×1620);4M(2560×1440);1080P(1920×1080); D1(704×576/704×480);360P(640×360);CIF(352×288/352×240)
Main Stream	60HZ: 8M/6M/5M/4M/1080P@(1~30fps) 50HZ: 8M/6M/5M/4M/1080P@(1~25fps)
Sub Stream	60HZ: D1/360P/CIF@(1~30fps) 50HZ: D1/360P/CIF@(1~25fps)
Third Stream	60HZ: 1080P/720P/D1/CIF@(1~30fps) 50HZ: 1080P/720P/D1/CIF@(1~25fps)
Streaming Capability	3 streams
Bit Rate Type	CBR / VBR
Audio Compression	G.711a; G.711u; G.726; PCM
Audio Sampling Rate	8 kHz/ 16 kHz
Region of Interest (ROI)	8 areas
Video Bit Rate	256 Kbps - 8192 Kbps
Image	
BLC	Support
HLC	Support
Wide Dynamic Range	130dB
White Balance	Auto; manual; Tungsten lamp; Daylight; Sunny; Overcast; shadow
Defog	Digital defog
Digital Noise Reduction	2D NR, 3D NR
Video Rotation	0°/90°/180°/270°;Mirror
Privacy Masking	4 areas
OSD	Yes
S/N Ratio	>56dB

Specifications

Item	Parameter
Network	
Network Protocol	IPv4,IPv6,HTTP,HTTPS,DHCP,FTP,PPPOE,RTSP,RTP,RTCP,DDNS,SNMP,SMTP,UPNP,SSDP,Bonjour,802.1X,QoS,IGMP,ICMP,UDP,TCP/IP,ARP,DNS,NTP,Websocket
API	ONVIF (Profile S/Profile G/Profile T);SDK;API
User/Host	Up to 10 users (No more than 5 users pull streams at the same time) 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication,IP address filter, control timeout settings,TLS
Storage	FTP; Micro SD card (support max. 512 GB)
Client	iOS; Android; PC-VMS
Browser	IE11,Chrome,Firefox,Edge,Safari
Intelligence	
Smart Intrusion Prevention	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)
Statistical Analysis	People counting,heatmap
Face Capture	Support
Event	
Basic Detection	Motion detection,video tampering, audio detection
General Function	SD card full; SD card error; network disconnection; IP conflict; illegal access;
One-key Disarming	Support
Sound&Flash Light Warning	sound alarm

Specifications

Item	Parameter
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
Video Output	N/A
Reset Button	Support
General	
Linkage Method	Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger capture, send email
Language	Simplified Chinese, Traditional Chinese, English, Japanese, Korean, Vietnamese, Spanish, Russian, German, Arabic, Czech, Italian
Camera Material	metal
Camera Dimension	Ø110mm × 100mm (Ø4.33"×3.94")
Package Dimension	120mm×115mm×105mm (4.72"×4.53"×4.13")
Camera Weight	0.55kg (1.21lb)
With Package Weight	0.63kg (1.39lb)
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	Basic: 3.0W(12 VDC)/3.7W (PoE)
	Max: 4.7W(12 VDC)/5.3W (PoE) (H.265 + intelligence on + illuminator on+ speaker on)
Power Interface	Ø5.5 mm coaxial power plug
Surge Protection	2K
Approval	
EMC	CE-EMC/FCC
Safety	CE-LVD
Environment	RoHS
Protection	IP67

Dimension

mm [inch]

