



# QIP-20P3180-BS

2.0MP x3 (6MP), Panoramic IP66 IR Bullet Camera

- 2.0MP (FullHD)
- 180° Panoramic
- 6MP Total
- 50m IR
- Digital PTZ
- Built-in POE



Panoramic 180°



## Features :

### **IP Panoramic Bullet Camera for 180° viewing angle**

3 sensor (2MP) and 4.5mm fixed lens allows a FOV of 180° with resolution of 6MP in total.

### **Digital Zoom with Digital Pan and Tilt**

Supports digital zoom with digital Pan and Tilt. Similar PTZ feature with Preset Positions and Tour.

### **Real-time High Definition Bullet Camera**

State-of-the-art video compression engine, RT Full HD video streams of 1080p for recording & monitoring.

### **Dual codec, Simultaneous Multi Streaming**

Dual H/W codec enables to transmit max 2 independent streams with different settings for different requirements. Therefore, possible to combine seamless remote video monitoring using H.264 and additional MJPEG for Mobile devices such as Smart Phone or PDA.

### **Local SD Card Backup**

Important sequence of still images can be stored in the SDHC memory card. configurable to work with pre-post- alarm event or a given interval.

### **Day & Night by ICR**

For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengage from image path automatically in the low light environment.

### **POE**

Built-in Power over Ethernet (IEEE 802.3at) makes installation easier, cheaper and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply).

### **Weather Proof Design**

IP66 environment protection design in speed bullet casing will serve all the time usage regardless of rain, snow and storm.



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## Camera Specifications :

Camera	Image Device	1/2.8" 2.4M Sony Sensor x 3Nos		
	Total Pixels	1920(H) x 1080 (V) ~ 360 (V)		
	Aspect Ratio	HD: 16:9(1x zoom) ~ 16:3 (1/3x zoom)		
	Focal Length	4.5mm Board Lens x 3 Nos		
	MIN. Luminance	COLOR : 0.5Lux @ F2.5, 30IRE B/W : 0.00Lux @ IR LED ON		
	Infrared IR LEDs	6 Nos (Hi-Power)		
	IR Range	45 ~50m		
	S/N Ratio	50dB or More		
	Day & Night	Auto		
	Shutter Speed	Auto		
	Focus	Manual		
	AGC	41 dB Max		
	White Balance	Auto		
	TDN	IR Cut (Filter Change Mechanism)		
Other Functions	3D DNR , 3 Sensor out in 1/3x Scale down,			
Network	OS	Embedded Linux		
	Video Compression	Triple Codec, H.264/ MPEG4 / MJPEG		
	Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)		
	Resolution	H.264 & MJPEG : 1080P/D1/CIF MJPEG : CIF/D1/QCIF		
	Frame Rate	Max. 30 /25 fps for 1080P/ 720P/D1/CIF/QCIF		
	Audio Compression	Two way, G.711 PCM. $\mu$ -law 64kbps 8kHz		
	Local Storage	SDHC memory card (card not included)		
	Motion detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD		
	Alarm	Pre-Pos Alarm		
	Max number of Clients	10		
	Protocols Support	IPv4	ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP,SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)	
		IPv6	TCP/IP, HTTP, HTTPS, DHCP	
		DDNS	Proprietary: NET4C (DDNS), Public DDNS services Support: <a href="http://www.dyndns.com">www.dyndns.com</a> , <a href="http://www.no-ip.com">www.no-ip.com</a>	
		Security	HTTPS(SSL), Digest Authentication (ID/PW)	
OS Supported	Windows 7, Vista, XP, 2000			
General	Camera Posture	3 Axis (Pan/Tilt/Rotation)		
	Digital In/Out	1 Alarm sensor In/ 1 Out		
	Ausio In/Out	1 Audio In/ 1 Out		
	Video Out	BNC: VBS 1.0 Vp-p		
	Power	DC 12V 12W / POE IEEE 802.3at		
	Approvals	FCC, CE, IP66, ROHS		
	Housing	Weather proof/Vandal Proof Structure Color: Dark Gray		
	Material	Aluminium Die Casting		
	Dimension	Net (W x H): 201.3 x 111.5 mm		
	Weight	1Kg		
	Operating Temp.	-20°C ~ 40°C		

Dimension:

