2.0M X8 HD IP BULLET CAMERA

BFN-0812N
BFN-0812P

FEATURES

Real-time High Definition Bullet Camera
Using the state of art video compression engine, real time HD video streams of 1080p can be delivered for recording and monitoring.

Triple codec, Simultaneous Multi Streaming
Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264 with simultaneous transmission of high quality MPEG-4 to Network Video Recorder. Also, additional MJPEG can be delivered for Mobile devices such as Smart Phone or PDA.

Local SD Card Backup
Some important sequence of still images can be stored in the SDHC memory card. This action can be configured 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 802.3af) makes installation easier, cheaper and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.
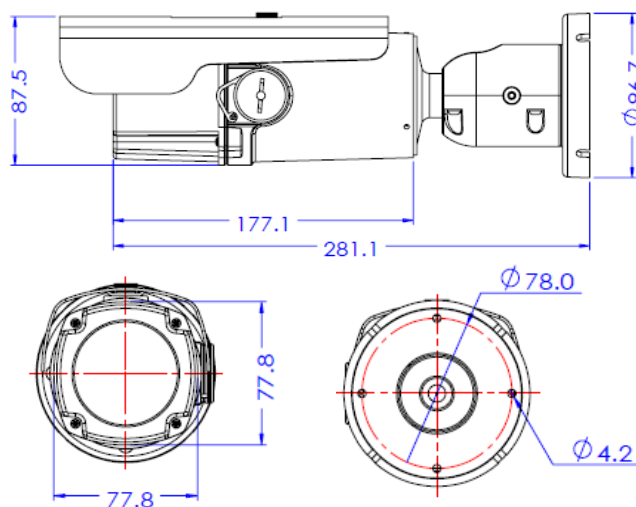
Bidirectional Audio
Provide two-way audio support. This enables remote users not only to view, but also to listen in on an area and communicate orders or requests to visitors or intruders.

Weather Proof Design
Due to IP66 environment protection as well as speed bullet camera will serve you all the time regardless of rain, snow and storm.

Dimension (unit : mm)

< Junction Box>   <Pole Mount Bracket>

Specification

CAMERA

Image Device	1/2.8" 2.0M PS Sony Exmor IMX122
Effective Pixels	1920 (H) x 1080 (V)
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical x8(Digital x12)
Focal Length	6.3-50mm, F3.5 ~F4.0
Horizontal angle	50.3°(W) ~ 6.5°(T)
MIN. Illumination	COLOR : 0.5Lux @ F1.2, 30IRE B/W : 0.00Lux @ IR LED ON
Day & Night	Auto / Day / Night(ICR)
Shutter Speed	1/30~1/60000 sec
Focus	Auto / Manual
AGC	Max 48dB
White Balance	Auto, Manual, Indoor, Outdoor, Preset
IR LED	42 IR LED
BLC / WDR	OFF / WDR/ BCL
DNR	OFF/ MID / HIGH
DSS	Max 8x
Other Functions	Image Flip, Mirror Privacy masking

GENERAL

Camera Posture	3 Axis (Pan/Tilt/Rotation)
Sensor In/Out	Built-in 1 Input/ 1 Output
Video Out	BNC: VBS 1.0 Vp-p
Power	DC 12V/AC 24V 12W POE IEEE 802.3at
Approvals	FCC, CE, IP68, ROHS
Housing	Weather proof/Vandal Proof Structure Color: Dark Gray
Material	Aluminum Die-casting
Dimension	Net (W x H) 281.1 x 87.5
Weight	Net: 2.5 Kg, Package: 3 Kg
Operating Temp.	-20°C ~ 50°C

NETWORK

OS		Embedded Linux
Video Compression		Triple Codec,H.264/MPEG4/MJPEG
Video Streaming		Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Resolution		All Codec : 1080P/720P/D1/CIF MJPEG : QCIF
Frame Rate		Max. 30 /25 fps for 1080p/720P/D1/CIF/QCIF
Audio Compression		Two way, G.711 PCM. μ-law 64kbps 8kHz
Local Storage		SDHC memory card (card is not included)
Motion detection		Notification: FTP, e-mail, Alarm out, JPEG Recording on SD
Alarm		Pre-Post Alarm
Max No. of Clients		5
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 Pubblic DDNS services Suport: www.dyndns.com, www.no-ip.com
	Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported		Windows 7, Vista, XP , 2000