

2.0M X8 HD IP None Open Dome FDN-0812N FDN-0812P

FEATURES

Real-time High Definition Dome 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

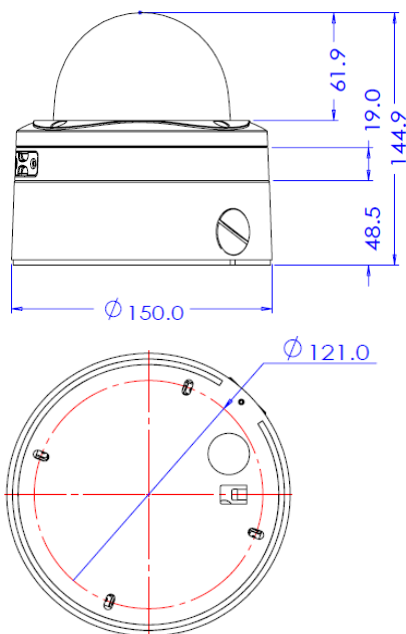
Provide two-way audio support. This enables remote users not only to view, but also to listen in on an area and communicate orders or requests to visitors or intruders.

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)



Specification

CAMERA	
Image Device	1/2.8" 2.0M Progressive Scan CMOS sensor
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 @ F3.5, 30IRE B/W : 0.01Lux @ F3.5, 30IRE
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
BLC / WDR	OFF / WDR/ BCL
DNR	OFF/ MID / HIGH
DSS	Max 8x
Other Functions	Image Flip, Mirror Privacy masking

GENERAL	
Camera Posture	3Axis (Pan/Tilt/Rotation) be able to external adjust tilt & rotation
Sensor In/Out	Built-in 2 Input/ 1 Output
Video Out	BNC: VBS 1.0 Vp-p
Power	DC 12V/AC 24V 12W POE IEEE 802.3at
Approvals	FCC, CE, IP66, ROHS
Housing	Weather proof/Vandal Proof Structure Color: Cool Gray
Material	Aluminum Die-casting
Dimension	Net ØxH): Ø150 x 144.9(H) mm
Weight	Net: 2Kg, Package: 3Kg
Operating Temp.	-10°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 Public DDNS services Support: www.dyndns.com , www.no-ip.com
	Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 7, Vista, XP , 2000	