CPRO
DIGITAL SURVEILLANCE SYSTEMS

180° 4K IP IR Pano Bullet

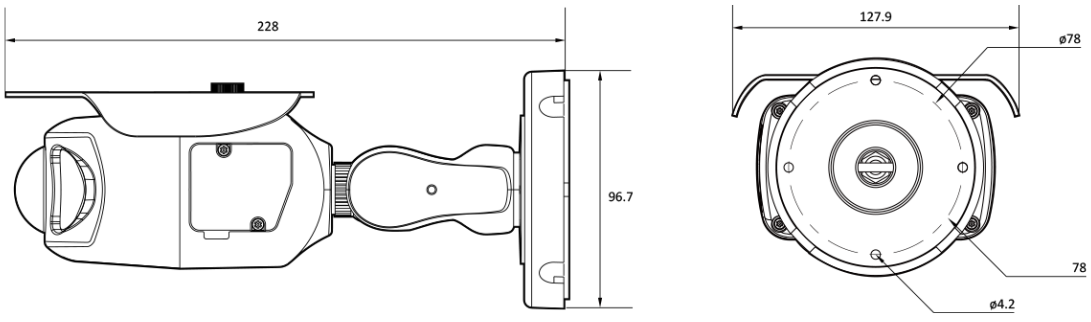
NSF1-58-R

Features

- 4K 180-degree camera
- 1/1.8" high sensitivity sensor
- Maximum resolution 3840 (horizontal) X 2160 (vertical) / 30fps
- Horizontal angle of view 175 degrees / 180-degree fisheye lens
- Day & Night (ICR) / IR visibility distance 22 meters
- Backlight compensation (WDR) / 3DNR
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP67/IK10



Dimension (mm)



CPRO
DIGITAL SURVEILLANCE SYSTEMS

Specification

Video	
Image Sensor	1/1.8” 9.17M CMOS
Channels	1
Total Pixel	3952(H) X 2320(V)
Max Resolution	3840(H) X 2160(V)
MIN. Illumination	COLOR: 0.29Lux BW: 0Lux with IR
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	2.3mm
Aperture	F2.8
Lens Type	Fixed
IRIS Type	Auto Exposure
Horizontal Angle	H:175° / V:80°
Pan / Tilt / Zoom	Zoom :Fixed

Operational	
Shutter Speed	Auto / Manual (1/15 ~ 1/32000) Anti-Flicker Slow Shutter(1/2,1/3,1/5,1/6,1/7.5, 1/10)
Auto Gain Control (AGC)	Auto
Day & Night	TDN (True Day & Night)
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	WDR(2x)
Dynamic Range	120dB or above
LEDs	H4IR
LED Distance	70ft(22m)
Privacy Zone	No
Function	Motion-Detection Mirror&Flip Auto White Balance

Intelligent Video Analytic	
AI Intelligent Video Analytic	No

CPRO
DIGITAL SURVEILLANCE SYSTEMS

Encoder (video & audio)	
Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 3840x2160/2560x1440/1920x1080/1280x720/640x480/640x360/352x288/352x240 H.264 : 3840x2160/2560x1440/1920x1080/1280x720/640x480/640x360/352x288/352x240 MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/640x360/352x288/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~25Mbps
Bitrate Control	Multi Streaming CBR/VBR at H.264,H.265 (Controllable frame rate and Bandwidth)
Video Bitrate extra comment	Multi-rate for Preview and Recording
Audio Compression	G.711 ulaw
Special Feature	Dynamic ROI(Region of Interest)

I/O & Event	
Audio In / Out	1 Line Input[1.0Vrms, 3K ohm]/1 Line Output
Alarm In / Out	1 Line/1 Line
Mic	No
Event Trigger	Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule Sensor Detection
Event Notification	FTP E-Mail Alarm Out SD Card

Network	
Ethernet	RJ45(1000Base-T(1Gbps))
Protocol	TCP/IP UDP AutoIP RTP(UDP/TCP) RTSP NTP HTTP HTTPS SSL DNS DDNS DHCP FTP SMTP ICMP SNMPv1/v2/v3(MIB-2) ONVIF
Security	HTTPS(SSL) IP filtering 802.1x Digest Authentication
Application Programming I/F	CGI API ONVIF
Web viewer	MS Edge® Google Chrome®
Video management software (VMS)	Yes
Support languages	English Korean Japanese
Edge storage	Micro SD Micro SDHC Micro SDXC
SD Card Socket	1

Electrical	
Power Requirement	Adaptor is not included DC12V PoE IEEE 802.3af Class3
Power consumption	DC Max: 8.9W(12VDC 0.74A) PoE Max: 12.3W(48VDC 0.26A)

CPRO
DIGITAL SURVEILLANCE SYSTEMS

Environmental	
Operating Temperature	-20℃ ~ 50℃
Cold Start	No
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK10
IP Rating	IP67
Other Certification	FCC CE ROHS KC

Mechanical	
Housing Model	SF1
Housing	Outdoor Bullet Fisheye Specialty
Material	Aluminum-Die Casting
Color	White
Dimensions (W x D x H)	222.5mm 96.7mm
Weight	0.97kg

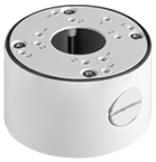
Compatible Accessories



BJC13
JUNCTION BRACKET



BJC11
JUNCTION BRACKET



BJC07
Junction Bracket



BP01
Pole Mount Bracket



BCO01
Corner Mount Bracket