CPRO
DIGITAL SURVEILLANCE SYSTEMS

4M IP MFZ IR Bullet

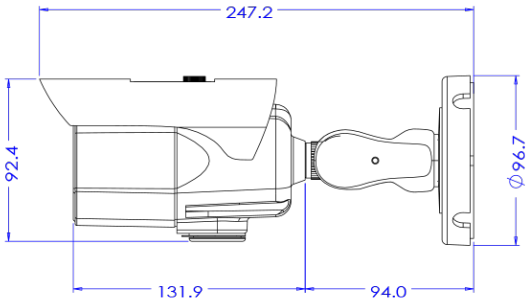
NBT5-44-RS

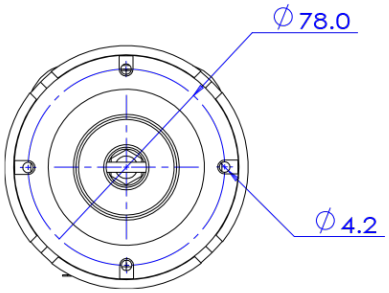
Features

- 4MP camera
- 1/1.8" high sensitivity sensor
- Maximum resolution 2688 (horizontal) X 1520 (vertical) / 30fps
- Horizontal angle of view 90.5 degrees (wide angle) to 45.1 degrees (zoom) / Optical 2.7x
- Day & Night (ICR) / IR reach distance 31 meters
- Backlight compensation (WDR)
- SD/SDHC/SDXC memory slot
- PoE IEEE 802.3af/Class3
- IP67/IK09



Dimension (mm)





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Specification

Video	
Image Sensor	1/1.8” 4.53M CMOS
Channels	1
Total Pixel	2781(H) X 1632(V)
Max Resolution	2688(H) X 1520(V)
MIN. Illumination	0.024Lux 0Lux with IR (F1.5)
Only installer Video Output	1 [CVBS 1.0V p-p (75Ω)]
S/N(signal/noise) Ratio	50dB
Scanning Mode	Progressive Scan

Lens	
Focal Length	3.6-10mm
Aperture	F1.5
Lens Type	Motorized_Varifocal
IRIS Type	P-IRIS
Horizontal Angle	D:51.5°~104.6°, H:45.1°~90.5°, V:25.3°~54.3°
Pan / Tilt / Zoom	Zoom :X2.7 Optical

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	H6IR
LED Distance	100ft(31m)
Privacy Zone	Yes
Function	Motion-Detection Mirror&Flip

Intelligent Video Analytic	
AI Intelligent Video Analytic	No

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Encoder (video & audio)	
Video Compression	H.264 H.265 MJPEG
Support Resolution	H.265 : 2688x1520/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240 H.264 : 2688x1520/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240 MJPEG : 1920X1080/1280x720/800x600/768x432/704x576/704x480/640x480/352x288/352x240
Intelligent Codec	Yes
Multiple Profile Streaming Performance	Triple Streaming(3rd Only MJPEG)
Video BitRate	100Kbps~10Mbps
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) Smart LBR

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 (10/100Base-T)
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: 10.4W(12VDC 0.87A) PoE Max: 13.5W(48VDC 0.28A)

Environmental	
Operating Temperature	-20℃ ~ 50℃

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Environmental	
Cold Start	-40℃
Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK09
IP Rating	IP67
Other Certification	FCC CE ROHS

Mechanical	
Housing Model	BT5
Housing	Outdoor Bullet
Material	Aluminum-Die Casting
Color	Dark Gray
Dimensions (W x D x H)	247.2mm 96.7mm
Weight	0.9kg

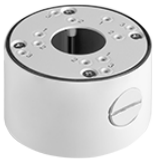
Compatible Accessories



BJC13
JUNCTION BRACKET



BJC11
JUNCTION BRACKET



BJC07
Junction Bracket



BJC01
Junction Bracket



BP01
Pole Mount Bracket



BCO01
Corner Mount Bracket