

# 2M IP MFZ IR Bullet

NBT5-22-RS

## Features

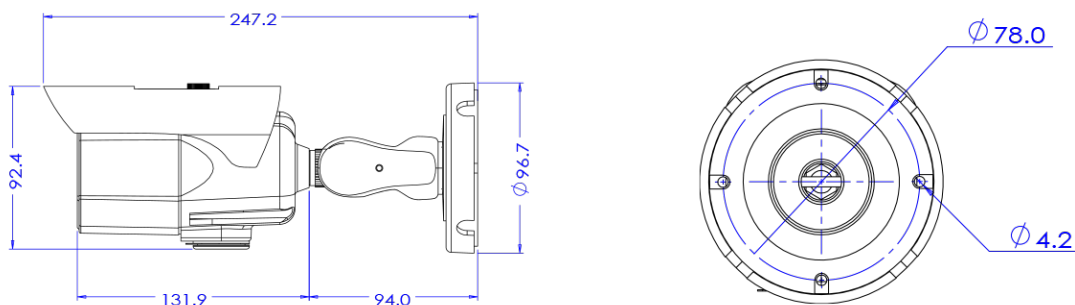
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- 2MP camera
- 1/2.0" high sensitivity sensor
- Maximum resolution 1920 (horizontal) X 1080 (vertical) / 30fps
- Horizontal angle of view 79 degrees (wide angle) to 39 degrees (zoom) / Optical 2.7x
- Day & Night (ICR) / IR reach distance 31 meters
- 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	1/2" 2.13M CMOS
Channels	1
Total Pixel	1952(H) X 1113(V)
Max Resolution	1920(H) X 1080(V)
MIN. Illumination	0.02Lux 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:45 ~93 , H:39 ~79 , V:22 ~41
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
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**Encoder (video & audio)**

Support Resolution	H.265 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 H.264 : 1920x1080/1280x720/704x576/704x480/640x480/352x288/352x240 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~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)

**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)	DW Spectrum® IPVMS
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: 10.3W(48VDC 0.22A)

**Environmental**

Operating Temperature	-20°C ~ 50°C
Cold Start	-40°C

Environmental

Operating Humidity	10-90% RH(Non-Condensing)
Vandal Proof Casing	IK09
IP Rating	IP67
Other Certification	FCC CE ROHS KC

Mechanical

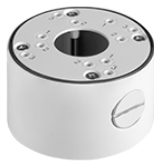
Housing Model	BT5
Housing	Outdoor Bullet
Material	Aluminum-Die Casting
Color	Dark Gray
Dimensions (W x D x H)	247.2mm 96.7mm
Weight	0.9kg

Compatible Accessories



**BJC11**

JUNCTION BRACKET



**BJC07**

Junction Bracket



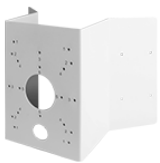
**BJC01**

Junction Bracket



**BP01**

Pole Mount Bracket



**BCO01**

Corner Mount Bracket