

# 5M IP IR Mini Bullet

NBI4-65-R

## Features

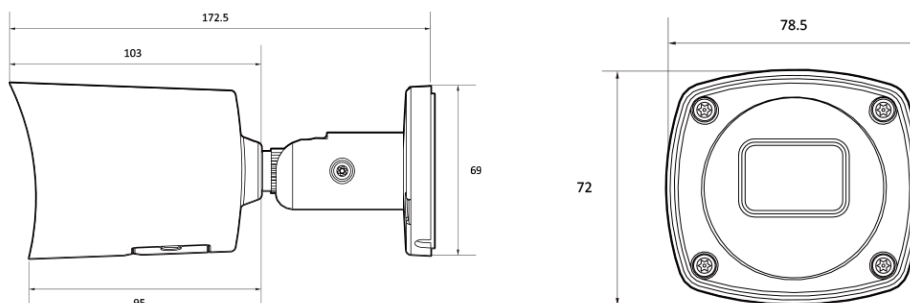
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- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC
- Advanced Built in ISP
- Fluid Integration Way
- Double Scan Sensor with Advanced Built in ISP (5M)



## Dimension (mm)

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## Specification

| Video                       |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| Image Sensor                | 1/2.8" 5.69M CMOS                                                         |
| Channels                    | 1                                                                         |
| Total Pixel                 | 2704(H) X 2104(V)                                                         |
| Max Resolution              | 2592(H) X 1944(V)                                                         |
| MIN. Illumination           | COLOR: 2.8mm : 0.13Lux, 0Lux with IR<br>BW: 4.0mm : 0.16Lux, 0Lux with IR |
| Only installer Video Output | No                                                                        |
| S/N(signal/noise) Ratio     | 50dB                                                                      |
| Scanning Mode               | Progressive Scan                                                          |

| Lens              |                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------|
| Focal Length      | 2.8mm 4.0mm                                                                                                     |
| Aperture          | 2.8mm :F2.2 / 4.0mm : F2.0                                                                                      |
| Lens Type         | Fixed                                                                                                           |
| IRIS Type         | Auto Exposure                                                                                                   |
| Horizontal Angle  | D : 121.8 , H : 97.7 , V : 73 (2.8mm) / D : 99 , H : 76.6 , V : 56 (4mm) / D : 69.4 , H : 51.9 , V : 37.6 (6mm) |
| 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                     | H2IR                                                                                  |
| LED Distance             | 80ft(25m)                                                                             |
| Privacy Zone             | Yes                                                                                   |
| Function                 | Motion-Detection Mirror&Flip                                                          |

| Intelligent Video Analytic    |    |
|-------------------------------|----|
| AI Intelligent Video Analytic | No |

| Encoder (video & audio) |                   |
|-------------------------|-------------------|
| Video Compression       | H.264 H.265 MJPEG |

#### Encoder (video & audio)

|                                        |                                                                                                                                                                                                                                                                     |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Support Resolution                     | H.265 :<br>2592x1944/2560x1440/1920x1080/704x576/704x480/640x480/640x360/ 352x288/352x240<br>H.264 : 2592x1944/2560x1440/1920x1080/704x576/704x480/640x480/640x360/ 352x288/ 352x240<br>MJPEG :<br>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.265 (Controllable frame rate and Bandwidth)                                                                                                                                                                                            |
| Video Bitrate extra comment            | Multi-rate for Preview and Recording                                                                                                                                                                                                                                |
| Audio Compression                      | No                                                                                                                                                                                                                                                                  |
| Special Feature                        | Dynamic ROI(Region of Interest)                                                                                                                                                                                                                                     |

#### I/O & Event

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Audio In / Out     | No                                                                                              |
| Alarm In / Out     | No                                                                                              |
| Mic                | No                                                                                              |
| Event Trigger      | Motion Alarm Network Disconnection Temperature Critical Illegal Login Schedule Sensor Detection |
| Event Notification | FTP E-Mail 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® Internet Explorer® 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: 6W PoE Max: 8W                                |

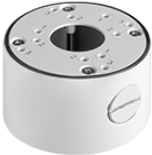
#### Environmental

|                       |              |
|-----------------------|--------------|
| Operating Temperature | -20°C ~ 50°C |
|-----------------------|--------------|

| Environmental       |                           |
|---------------------|---------------------------|
| Cold Start          | No                        |
| Operating Humidity  | 10-90% RH(Non-Condensing) |
| Vandal Proof Casing | No                        |
| IP Rating           | IP67                      |
| Other Certification | FCC CE ROHS               |

| Mechanical             |                      |
|------------------------|----------------------|
| Housing Model          | BI4                  |
| Housing                | Outdoor Bullet       |
| Material               | Aluminum-Die Casting |
| Color                  | White                |
| Dimensions (W x D x H) | 72.0mm<br>172.5mm    |
| Weight                 | 0.65kg               |

Compatible Accessories



BJC07

Junction Bracket