

# 5M IP LPR IR Bullet

NBT5-45-RL

## Features

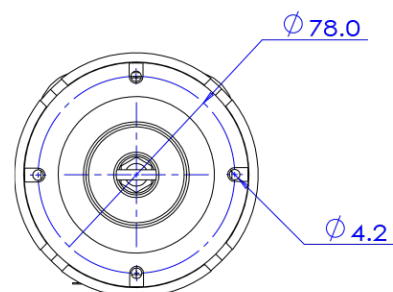
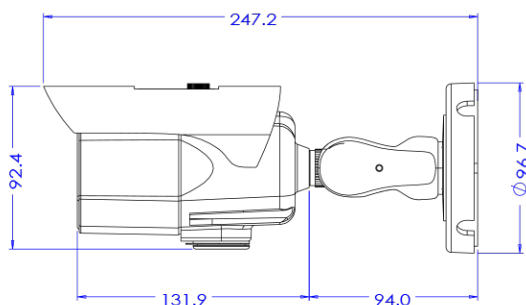
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- LPR Technology
- Two motor MFZ(Motorized Focus Controllable) / P-Iris Lens
- Optimized Multiple Profile Streaming
- ROI(Region of Interest)
- Various Web Plug-in
- Smart AVC
- Advanced Built in ISP



## Dimension (mm)

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## Specification

| Video                       |                         |
|-----------------------------|-------------------------|
| Image Sensor                | 1/2.8" 5.14M CMOS       |
| Channels                    | 1                       |
| Total Pixel                 | 2592(H) X 1944(V)       |
| Max Resolution              | 2592 x 1944             |
| MIN. Illumination           | 0Lux with IR (F1.6)     |
| Only installer Video Output | 1 [CVBS 1.0V p-p (75Ω)] |
| S/N(signal/noise) Ratio     | 50dB                    |
| Scanning Mode               | Progressive Scan        |

| Lens              |                                       |
|-------------------|---------------------------------------|
| Focal Length      | 6~50mm                                |
| Aperture          | F1.6                                  |
| Lens Type         | Motorized                             |
| IRIS Type         | P-IRIS                                |
| Horizontal Angle  | D:8.6 ~52 , H:6.9 ~40.8 , V:5.2 ~30.2 |
| Pan / Tilt / Zoom | Zoom :X8 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) | Yes                                                                                   |
| Digital Noise Reduction | 3D DNR                                                                                |
| Dynamic Range           | 120dB or above                                                                        |
| IR LEDs                 | H6IR                                                                                  |
| IR Distance             | 60ft                                                                                  |
| Privacy Zone            | Yes                                                                                   |

| Encoder (video & audio)                |                                                                                                                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression                      | H.265 H.264 MJPEG                                                                                                                                                                                                                                                          |
| Support Resolution                     | H.265 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240<br>H.264 : 2592x1944/2560x1440/2304x1296/1920x1080/1280x720/704x480/640x480/352x288/352x240<br>MJPEG : 1920x1080/1280x720/800x600/768x432/704x576/704x480/640x480/352x288/352x240 |
| Multiple Profile Streaming Performance | 2592x1944p30 + 480p30 with H.264,H265 + MJPEG                                                                                                                                                                                                                              |
| Video BitRate                          | Yes                                                                                                                                                                                                                                                                        |
| 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                      | G.711                                                                                                                                                                                                                                                                      |

#### Encoder (video & audio)

|                 |                                           |
|-----------------|-------------------------------------------|
| Special Feature | Dynamic ROI(Region of Interest) Smart LBR |
|-----------------|-------------------------------------------|

#### I/O & Event

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Audio In / Out     | 1[1.0Vms, 3K ohm]/1                                                                             |
| Alarm In / Out     | 1/1                                                                                             |
| 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                                                         |
| SIP/VoIP Support                | SIP VoIP                                                                                                     |
| Application Programming I/F     | CGI API ONVIF                                                                                                |
| Web viewer                      | Windows® 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 | DC12V Max 9W PoE Max 10.5W                            |

#### Environmental

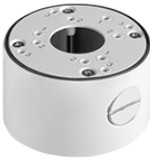
|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | -20°C ~ 50°C              |
| Cold Start            | -40°C~ 50°C               |
| Operating Humidity    | 10-90% RH(Non-Condensing) |
| IP Rating             | IP67                      |
| Other Certification   | FCC CE                    |

#### Mechanical

|               |                          |
|---------------|--------------------------|
| Housing Model | BT5                      |
| Housing       | Outdoor Bullet Specialty |
| Material      | Aluminum-Die Casting     |

| Mechanical             |                   |
|------------------------|-------------------|
| Color                  | Dark Gray         |
| Dimensions (W x D x H) | 247.2mm<br>96.7mm |
| Weight                 | 0.9kg             |

Compatible Accessories



**BJC07**  
Junction Bracket



**BJC01**  
Junction Bracket