

**IB08N2ZA****IP BULLET CAMERA 8MP 2.8-12MM COLOR UP****NEXT  
SERIE**

Next series ColorUP IP bullet camera, 2.8-12 mm motorised lens, resolution 8MP@20 fps, White LEDs with range of 30 metres, IR LEDs with range of 30 metres (Smart IR), ColorUp (White LED), Dual Light (IR+White LED with distinction between humans/vehicles) and IR LED function. ONVIF compatible. Video analysis functions: Intrusion into an area (distinction between humans/vehicles), line crossing (distinction between humans/vehicles), object abandoned/removed function. WDR 120 Db, video compression H.265+ / H.265 / H.264+ / H.264 / MJPEG, SD slot (max. 256 GB). Audio: 1 in, built-in microphone. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: Google Chrome/Edge/Firefox/Safari. Compatible accessories: JBA-01A, JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A.

**AWARDS**



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### MAIN FEATURES

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Camera sensor                          | 1/2.8" CMOS Ultra Starlight        |
| Lens type                              | Motorized                          |
| Lens optical varifocal dimensions (mm) | 2.8 ÷ 12                           |
| Effective pixels (H x V - pixels)      | 3840x2160                          |
| Horizontal FoV (°)                     | 97÷34                              |
| Vertical FoV (°)                       | 52÷18                              |
| Diagonal FoV (°)                       | 116÷37                             |
| Electronic shutter (s)                 | 1/3 ÷ 1/100000                     |
| Sensitivity (lux)                      | 0.005 (colour), 0 (B/W, led IR ON) |
| Video trasmission                      | Triple streaming                   |
| Management software                    | Comelit CCTV Manager               |
| Video resolution                       | 4K (8MP)                           |
| Tera Operations Per Second (TOPS)      | 0.75                               |

### DORI

|                                |          |
|--------------------------------|----------|
| Detection (min - max) (m)      | 88 ÷ 277 |
| Observation (min - max) (m)    | 35 ÷ 111 |
| Recognition (min - max) (m)    | 17 ÷ 55  |
| Identification (min - max) (m) | 8 ÷ 28   |

### SOFTWARE/FIRMWARE SPECIFICATIONS

|                                    |                                                                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video compression                  | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                               |
| Audio compression                  | G711A/U                                                                                                                                                                                               |
| Frame rate                         | 20fps                                                                                                                                                                                                 |
| Bit rate range (Mbit/s)            | 0.06 ÷ 12                                                                                                                                                                                             |
| Protocols supported                | DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UDP, UPnP, P2P, SNMP, IEEE 802.1x, RTMP, ONVIF (Profile-S), ONVIF (Profile-G), ONVIF (Profile-M), ONVIF (Profile-T) |
| Number of simultaneous connections | 10 (live)                                                                                                                                                                                             |



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### SOFTWARE/FIRMWARE SPECIFICATIONS

|                                 |                               |
|---------------------------------|-------------------------------|
| Updating firmware using network | Yes                           |
| Remote viewer from browser      | Edge, Firefox, Chrome, Safari |
| Remote control by mobile        | APP Comelit CCTV              |
| Latest firmware version         | 5.2.3(5568)(2024-10-21)       |

### FUNCTIONS

|                                        |                                                                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main functions                         | 3D-DNR, BLC, HLC                                                                                                                                                                                                                        |
| Motion detection                       | Yes                                                                                                                                                                                                                                     |
| Video analytics                        | Scene change detection, Video tampering detection, Line crossing detection (human / vehicle classification), Object abandoned / missing detection, Region intrusion detection (human / vehicle classification), Blurred image detection |
| Optimal people detection distance (m)  | 15                                                                                                                                                                                                                                      |
| Optimal vehicle detection distance (m) | 20                                                                                                                                                                                                                                      |
| Back light compensation (BLC)          | BLC, HLC                                                                                                                                                                                                                                |
| Digital effects                        | Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Saturation, Brightness, Contrast, Sharpness, Image flip                                                                                                                        |
| Wide Dinamic Range (WDR)               | WDR (120dB)                                                                                                                                                                                                                             |
| Enhanced DNR control                   | 3D-DNR                                                                                                                                                                                                                                  |
| White balance control                  | Automatic, Indoor, Manual, Outdoor                                                                                                                                                                                                      |
| Exposure control                       | Manual, Auto                                                                                                                                                                                                                            |
| Display brightness control             | Yes                                                                                                                                                                                                                                     |
| Camera titling                         | Yes                                                                                                                                                                                                                                     |

### HARDWARE SPECIFICATIONS

|                                   |                      |
|-----------------------------------|----------------------|
| IR LED lighting distance          | 30m                  |
| Max. distance White LED           | 30m                  |
| Vandal Resistant rating (IK code) | IK10 (metal housing) |
| IP protection rating              | IP67                 |
| Audio Inputs/Outputs              | 1 + Mic / 0          |



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## HARDWARE SPECIFICATIONS

|                                     |                               |
|-------------------------------------|-------------------------------|
| LAN output type                     | Ethernet 10/100 Mbit/s (RJ45) |
| Support SD card (card not included) | Micro-SD (256GB max)          |

## GENERAL DATA

|                                 |                            |
|---------------------------------|----------------------------|
| Supply voltage                  | 12VDC                      |
| Max absorption (W)              | 12                         |
| PoE power supply                | Standard IEEE 802.3af      |
| Type of power supply            | PoE, External power supply |
| Height (mm)                     | 70.4                       |
| Width (mm)                      | 218.1                      |
| Depth (mm)                      | 79.5                       |
| Product weight (g)              | 700                        |
| Type of finishing materials     | Die-cast aluminum          |
| Housing type                    | Bullet                     |
| Product color                   | White                      |
| Operating temperature (°C)      | -30 ÷ 60                   |
| Operating humidity (RH max) (%) | 25 ÷ 95                    |

**IB08N2ZA****IP BULLET CAMERA 8MP 2.8-12MM COLOR UP****ACCESSORIES****JBA-  
01A****IP66 CONNECTION BOX, ADVANCE NEXT**

Junction box for securing Next and Advance cameras. For model compatibility, please refer to the diagram in the download section. Not compatible with power supply item PS1213A.

**JBA-  
BA****ADVANCE NEXT BIG IP66 CONNECTION BOX**

Junction box for securing Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**WMA-  
BA****ADVANCE NEXT BIG WALL BACKPLATE**

Wall-mounting bracket for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**PMA-  
A****ADVANCE ADVANCE NEXT BEUGEL OP PAAL POLE-MOUNTING BACKPLATE**

Pole-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section. Pole diameter from 80 to 140 mm

**CMA-  
BA****ADVANCE NEXT BIG CEILING BACKPLATE**

Ceiling-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**AMA-  
A****ADVANCE NEXT CORNER BACKPLATE**

Corner-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.