

**IPBCAMA04FC****BULLET IP CAMERA 4MP 2.8MM****ADVANCE  
SERIE**

Advance series IP bullet camera, 2.8 mm fixed lens, resolution 4MP@30 fps, High frame rate function supported (2MP@60 fps). IR LEDs with a range of 50 metres (Smart IR), ONVIF compatible. The high frame function (60 fps) is only supported by 32/64/128 ch Advance series NVRs. Video analysis functions: Scene change detection, Object abandoned/removed function, heat map, Face detection, Video tamper detection, Line cross detection (distinction between humans / vehicles), Detection of Entry into / Exit from / Intrusion into an area (distinction between humans / vehicles), Human / vehicle counting on a line and in an area, Metadata analysis, No parking, Loitering, Audio fault. WDR 120Db, compression H.265+/H.265/H.264+/H.264/MJPEG, SD slot (max. 256GB). Audio: 1 in. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC / PoE IEEE802.3af. Compatible with browsers: IE/Google Chrome/Edge/Firefox/Safari. Compatible accessories: JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A.

**AWARDS**



## IPBCAMA04FC

### BULLET IP CAMERA 4MP 2.8MM

#### MAIN FEATURES

|                              |                                    |
|------------------------------|------------------------------------|
| Camera sensor                | 1/3" CMOS Ultra Starlight          |
| Lens optical dimensions (mm) | 2.8                                |
| Horizontal FoV (°)           | 100                                |
| Vertical FoV (°)             | 53                                 |
| Diagonal FoV (°)             | 115.2                              |
| Electronic shutter (s)       | 1/25÷100000                        |
| Sensitivity                  | 0.005 (colour), 0 (B/W, led IR ON) |
| Signal/noise ratio (dB)      | >50 (AGC OFF)                      |
| IR filter                    | Mechanical                         |
| Video trasmission            | Triple streaming                   |
| Management software          | Comelit CCTV Manager               |
| Video resolution             | 2592x1520 (4MP)                    |

#### DORI

|                    |    |
|--------------------|----|
| Detection (m)      | 60 |
| Observation (m)    | 24 |
| Recognition (m)    | 12 |
| Identification (m) | 6  |

#### SOFTWARE/FIRMWARE SPECIFICATIONS

|                                  |                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video compression                | H.264 / H.264+ / H.265 / H.265+                                                                                                                        |
| Frame rate                       | 30/60fps                                                                                                                                               |
| Protocols supported              | DDNS, Comelit DNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTSP, SMTP, UDP, UPnP, SNMP, IEEE 802.1x, ONVIF - (Profile-S, Profile-G), RTMP |
| Updating firmware using network  | Yes                                                                                                                                                    |
| Users connected at the same time | 10 (live)                                                                                                                                              |
| Network security                 | Multi-user authorization, HTTPS, AES encryption, RTSP verif.                                                                                           |
| Remote viewer from browser       | Edge, Firefox, Chrome, Safari                                                                                                                          |
| Remote control by mobile         | APP Comelit CCTV                                                                                                                                       |

The technical specifications are subject to change without prior notice.



**IPBCAMA04FC**

**BULLET IP CAMERA 4MP 2.8MM**

**SOFTWARE/FIRMWARE SPECIFICATIONS**

|                         |                            |
|-------------------------|----------------------------|
| Latest firmware version | 5.1.3.1(52255)(2023-11-08) |
|-------------------------|----------------------------|

**FUNCTIONS**

|                               |                                                                                                                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motion detection              | Yes                                                                                                                                                                                                                                                                                                       |
| Video analytics               | Scene change detection, Face detection, Video tampering detection, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Object abandoned / missing detection, Vehicles / people counting, Heat map, metadata-analysis |
| Privacy zones (n°)            | 4                                                                                                                                                                                                                                                                                                         |
| Back light compensation (BLC) | BLC, HLC                                                                                                                                                                                                                                                                                                  |
| Digital effects               | Corridor mode (90° / 180° / 270° rotation), Defog, Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Lens distortion correction                                                                                                                                                                    |
| Wide Dinamic Range (WDR)      | WDR (120dB)                                                                                                                                                                                                                                                                                               |
| Enhanced DNR control          | 3D-DNR                                                                                                                                                                                                                                                                                                    |
| White balance control         | Automatic, Indoor, Manual, Outdoor                                                                                                                                                                                                                                                                        |
| Display brightness control    | Yes                                                                                                                                                                                                                                                                                                       |
| Image flip                    | Yes                                                                                                                                                                                                                                                                                                       |
| Automatic gain control (AGC)  | Yes                                                                                                                                                                                                                                                                                                       |
| Camera titling                | Yes                                                                                                                                                                                                                                                                                                       |

**HARDWARE SPECIFICATIONS**

|                                     |                               |
|-------------------------------------|-------------------------------|
| IR LED lighting distance            | 50m                           |
| Vandal Resistant rating (IK code)   | IK10 (metal housing)          |
| IP protection rating                | IP67                          |
| Audio Inputs/Outputs                | 1 / 0                         |
| LAN output type                     | Ethernet 10/100 Mbit/s (RJ45) |
| Support SD card (card not included) | Micro-SD (256GB max)          |

**GENERAL DATA**



**IPBCAMA04FC**

**BULLET IP CAMERA 4MP 2.8MM**

|                                 |                            |
|---------------------------------|----------------------------|
| Supply voltage                  | 12VDC                      |
| Max absorption (W)              | 8.5                        |
| PoE power supply                | Standard IEEE 802.3af      |
| Type of power supply            | PoE, External power supply |
| Height (mm)                     | 80                         |
| Width (mm)                      | 217                        |
| Depth (mm)                      | 80                         |
| Product weight (g)              | 660                        |
| Type of finishing materials     | Die-cast aluminum          |
| Housing type                    | Bullet                     |
| Product color                   | White                      |
| Operating temperature (°C)      | -30 ÷ 60                   |
| Operating humidity (RH max) (%) | 25 ÷ 95                    |



**IPBCAMA04FC**

## **BULLET IP CAMERA 4MP 2.8MM**

### **ACCESSORIES**



**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.