

**IPTCAMN04F01CUA****MINI IP TURRET CAMERA, 4MP 2.8MM COLOR UP****NEXT  
SERIE**

Next series compact ColorUP IP turret camera, 2.8 mm fixed lens, resolution 4MP@30 fps, White LEDs with range of 20 metres, IR LEDs with range of 20 metres (Smart IR), ColorUp (White LED), Dual Light (IR+White LED) and IR LED function. ONVIF compatible. Video analysis functions: Line crossing detection, Intrusion into an area detection. Video compression H.265+ / H.265 / H.264 + / H.264 / MJPEG. Audio: built-in microphone. 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-01A, JBA-BA, CMA-BA, WMA-BA, PMA-A, AMA-A.

**AWARDS**



## IPTCAMN04F01CUA

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#### MAIN FEATURES

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Camera sensor                     | 1/3" CMOS Ultra Starlight         |
| Lens optical dimensions (mm)      | 2.8                               |
| Effective pixels (H x V - pixels) | 2650x1440                         |
| Horizontal FoV (°)                | 95                                |
| Vertical FoV (°)                  | 53                                |
| Diagonal FoV (°)                  | 115.2                             |
| Electronic shutter (s)            | 1/3 ÷ 1/100000                    |
| Sensitivity                       | 0.05 (colour), 0 (B/W, led IR ON) |
| Signal/noise ratio (dB)           | >50                               |
| Video trasmission                 | Dual streaming                    |
| Management software               | Comelit CCTV Manager              |
| Video resolution                  | 2650x1440 (4MP)                   |

#### DORI

|                    |    |
|--------------------|----|
| Detection (m)      | 57 |
| Observation (m)    | 23 |
| Recognition (m)    | 11 |
| Identification (m) | 6  |

#### SOFTWARE/FIRMWARE SPECIFICATIONS

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| Video compression                | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                |
| Audio compression                | G711A/U                                                                |
| Frame rate                       | 30fps                                                                  |
| Bit rate range (Mbit/s)          | 0.06 ÷ 3                                                               |
| Protocols supported              | DHCP, HTTP, IPv4, IPv6, NTP, RTSP, UDP, IEEE 802.1x, ONVIF (Profile-S) |
| Users connected at the same time | 3                                                                      |
| Additional functions             | Dual light                                                             |
| Updating firmware using network  | Yes                                                                    |



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## SOFTWARE/FIRMWARE SPECIFICATIONS

|                            |                               |
|----------------------------|-------------------------------|
| Remote viewer from browser | Edge, Firefox, Chrome, Safari |
| Latest firmware version    | 5.1.2.0(50207)(2023-08-30)    |

## FUNCTIONS

|                                        |                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Main functions                         | 3D-DNR, BLC, Defog, HLC                                                                                          |
| Motion detection                       | Yes                                                                                                              |
| Video analytics                        | Line crossing, enter area, (Based on person recognition)                                                         |
| Optimal people detection distance (m)  | 7                                                                                                                |
| Optimal vehicle detection distance (m) | 12                                                                                                               |
| Privacy zones (n°)                     | 4                                                                                                                |
| Digital effects                        | Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Saturation, Brightness, Contrast, Sharpness, Image flip |
| Wide Dinamic Range (WDR)               | D-WDR                                                                                                            |
| Enhanced DNR control                   | 3D-DNR                                                                                                           |
| White balance control                  | Automatic, Indoor, Manual, Outdoor                                                                               |
| Exposure control                       | Auto                                                                                                             |
| Display brightness control             | Yes                                                                                                              |
| Camera titling                         | Yes                                                                                                              |

## HARDWARE SPECIFICATIONS

|                                   |                               |
|-----------------------------------|-------------------------------|
| IR LED lighting distance          | 20m                           |
| Max. distance White LED           | 20m                           |
| Vandal Resistant rating (IK code) | IK10 (metal housing)          |
| IP protection rating              | IP67                          |
| Audio Inputs/Outputs              | 1 (microphone) / -            |
| LAN output type                   | Ethernet 10/100 Mbit/s (RJ45) |

## GENERAL DATA

|                    |       |
|--------------------|-------|
| Supply voltage     | 12VDC |
| Max absorption (W) | 5     |



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| GENERAL DATA                    |                            |
|---------------------------------|----------------------------|
| PoE power supply                | Standard IEEE 802.3af      |
| Type of power supply            | PoE, External power supply |
| Diameter (mm)                   | 95                         |
| Height (mm)                     | 82                         |
| Product weight (g)              | 450                        |
| Type of finishing materials     | Die-cast aluminum          |
| Housing type                    | Turret                     |
| Product color                   | White                      |
| Operating temperature (°C)      | -30 ÷ 60                   |
| Operating humidity (RH max) (%) | 25 ÷ 95                    |

**IPTCAMN04F01CUA****MINI IP TURRET CAMERA, 4MP 2.8MM 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.

**WMA-  
01A****ADVANCE NEXT WALL-MOUNT BACKPLATE**

Wall-mounting support for Next and Advance cameras. For compatibility with models, please refer to the diagram in the downloads section.

**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.



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**IPTCAMN04F01CUA**

## **MINI IP TURRET CAMERA, 4MP 2.8MM COLOR UP**

### **ACCESSORIES**



**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.