

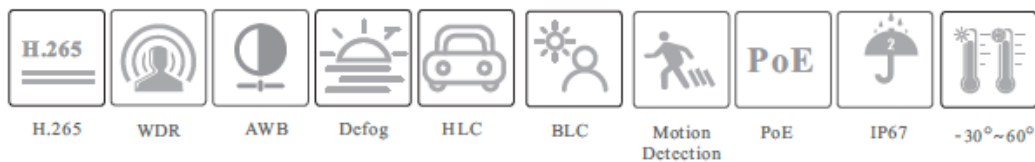


## 8 Megapixel Network Bullet Camera

**PLC-428M-AU-IR3/PM**

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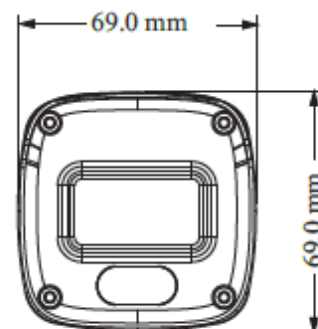
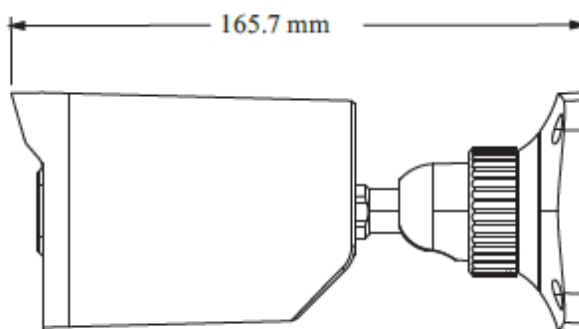


## Key Features:

- ❖ 1/2.8" CMOS Image Sensor
- ❖ 3840x2160 Pixels Super 4K Resolution
- ❖ 0.02 Lux Min. Illumination for Day Time Color View
- ❖ 30-meter IR Night View Range @ 0 Lux
- ❖ Motion Detection Alarm Trigger
- ❖ Line Crossing Detection
- ❖ Region Intrusion Detection
- ❖ Highlight Compensation for Image Correction
- ❖ Backlight Compensation for Image Correction
- ❖ ONVIF Protocol Supported
- ❖ IP67 Water & Dust Proofing
- ❖ DC12V/ PoE (IEEE802.3af) Power Supply



## Dimensions:



## Specifications:

|                            |                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                      | PLC-428M-AU-IR3/PM                                                                                                                                                                |
| Image Sensor               | 1 / 2.8" CMOS                                                                                                                                                                     |
| Image Size                 | 3840×2160                                                                                                                                                                         |
| Electronic Shutter         | 1 s ~ 1 / 100000 s                                                                                                                                                                |
| Iris Type                  | Fixed Iris                                                                                                                                                                        |
| Min. Illumination          | 0.02 lux @ F1.6, AGC ON; 0 lux with IR                                                                                                                                            |
| Lens                       | 2.8 mm @F1.6, Horizontal FoV:101°; Vertical FoV:53°; Diagonal FoV:120°                                                                                                            |
| Focus                      | Fixed                                                                                                                                                                             |
| Lens Mount                 | M12                                                                                                                                                                               |
| Day&Night                  | ICR                                                                                                                                                                               |
| Wide Dynamic Range         | 120dB                                                                                                                                                                             |
| BLC                        | Yes                                                                                                                                                                               |
| HLC                        | Yes                                                                                                                                                                               |
| Defog                      | Yes                                                                                                                                                                               |
| Digital NR                 | 3D DNR                                                                                                                                                                            |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°                                                                                                                                      |
| Video Compression          | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                           |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                                                                        |
| Resolution                 | 8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ),5MP( 2592 × 1944), 4MP ( 2560 × 1520), 2K(2560 × 1440 ), 3MP(2304 × 1296), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240 |
| Main Stream                | 60Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps)<br>50Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps)                                                          |
| Sub Stream                 | 60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps)<br>50Hz: 720P/D1/480 × 240(1~25fps)                                                                                                     |
| Third Stream               | 60Hz: D1/CIF/480 × 240 (1~30fps)<br>50Hz: D1/CIF/480 × 240 (1~25fps)                                                                                                              |
| Bit Rate                   | 64 Kbps ~ 12 Mbps                                                                                                                                                                 |
| Bit Rate Type              | VBR / CBR                                                                                                                                                                         |
| Audio Compression          | G711A / U                                                                                                                                                                         |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser                         |
| ROI                        | Each ROI to be configured separately                                                                                                                                              |
| Network                    | RJ45                                                                                                                                                                              |
| Video Output               | No                                                                                                                                                                                |
| Audio                      | 1CH audio input                                                                                                                                                                   |
| Storage                    | Built-in micro-SD card slot; up to 256GB                                                                                                                                          |
| Reset                      | Yes                                                                                                                                                                               |
| Remote Monitoring          | IE browser/ PVMS Plus mobile APP                                                                                                                                                  |
| Online Connection          | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission                                                                                   |

|                          |                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------|
| Network Protocol         | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS    |
| Interface Protocol       | ONVIF                                                                                                        |
| Storage                  | Network remote storage; micro-SD card storage                                                                |
| Smart Alarm              | Motion detection; SD card error; SD card full                                                                |
| Intelligent Analytics    | Scene change, video blur detection, video color cast detection, line crossing detection, intrusion detection |
| General function         | Watermark, IP address filtering, video mask, heartbeat, password protection, corridor pattern, etc.          |
| IR Distance              | 20~30m                                                                                                       |
| Protection Grade         | IP 67                                                                                                        |
| PoE                      | Yes (IEEE802.3af)                                                                                            |
| Power Supply             | DC12V/PoE                                                                                                    |
| Power Consumption        | < 7W                                                                                                         |
| Storage Conditions       | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                                      |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)                                     |
| Dimensions ( mm )        | 167.5 × 74.5 × 74.5                                                                                          |
| Weight ( net )           | Approx. 0.44KG                                                                                               |
| Installation             | Ceiling mounting; Wall mounting                                                                              |
| Certificate              | CE, FCC                                                                                                      |
| Environmental Protection | Complies with Directive EU RoHS, WEEE (2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)               |
| Power Supply             | DC12V/PoE                                                                                                    |
| Power Consumption        | < 9W                                                                                                         |
| Storage Conditions       | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                                      |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)                                     |
| Dimensions ( mm )        | Ø 119 × 87.8                                                                                                 |
| Weight ( net )           | Approx. 0.64KG                                                                                               |
| Installation             | Ceiling mounting; Wall mounting                                                                              |
| Certificate              | CE, FCC                                                                                                      |
| Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)                              |