



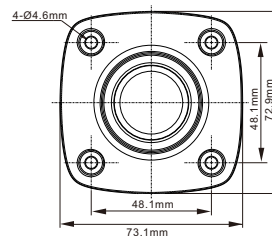
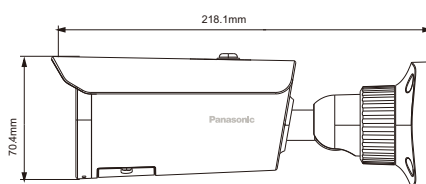
### 5MP Varifocal Bullet Network Camera

Panasonic cameras are designed to provide high security, ensuring the safety of customers in their homes, shops, and offices. Equipped with advanced intelligence features, these cameras detect line crossings, abandoned or missing objects, and more, enhancing user security and peace of mind. Moreover, the cameras guarantee customer privacy through an advanced encryption algorithm and the Region of Interest (ROI) feature built into the camera.

### Key Features

- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2880×1624
- ICR auto switch, true day/night vision
- 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Weather protection up to IP67
- Support three streams
- Support P2P function
- Support Smart Motion Detection
- Advanced Intelligence
- Redundant system backup

### Appearance



### Optional Accessories

#### Mount Bracket



PM-YH0103-W  
Junction box



PM-YH0104-W  
Junction box



PM-YH0301-W  
Junction box



PM-YH0301-W+  
PM-YZJ0501-W  
Pole Mount Bracket



PM-YH0301-W+  
PM-YZJ0601-W  
Corner Mount Bracket



PM-YH0301-W+  
PM-YZJ0810-W  
Ceiling Mount Bracket

Specifications

| Camera                        |                                                                                                                                                                                                   |            |            |           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-----------|
| Image Sensor                  | 1/2.5"CMOS                                                                                                                                                                                        |            |            |           |
| Image Size                    | 2880×1624                                                                                                                                                                                         |            |            |           |
| Electronic Shutter            | 1/4s ~1/100000 s                                                                                                                                                                                  |            |            |           |
| Iris Type                     | DC Iris                                                                                                                                                                                           |            |            |           |
| Min. Illumination             | 0.005 lux @F1.6, AGC ON; 0 lux with IR                                                                                                                                                            |            |            |           |
| Lens                          | 2.8~12mm@F1.6, H.FoV: 108°~36°; V.Fov: 57°~20°; D.FoV: 129°~42°                                                                                                                                   |            |            |           |
| Focus                         | Motorized                                                                                                                                                                                         |            |            |           |
| Lens Mount                    | Ø14                                                                                                                                                                                               |            |            |           |
| Day&Night                     | ICR                                                                                                                                                                                               |            |            |           |
| Wide Dynamic Range            | 120dB                                                                                                                                                                                             |            |            |           |
| Back Light Compensation (BLC) | Yes                                                                                                                                                                                               |            |            |           |
| High Light Compensation (HLC) | Yes                                                                                                                                                                                               |            |            |           |
| Defog                         | Yes                                                                                                                                                                                               |            |            |           |
| Digital Noise Reduction (DNR) | Yes                                                                                                                                                                                               |            |            |           |
| S/N ratio                     | ≥50dB                                                                                                                                                                                             |            |            |           |
| Angle Adjustment              | Pan: 0°~360°; Tilt:0°~90°;Rotation: 0°~360°                                                                                                                                                       |            |            |           |
| Image                         |                                                                                                                                                                                                   |            |            |           |
| Video Compression             | Main stream: H.265+/H.265/H.264+/H.264<br>Sub/thirdstream:H.265+/H.265/H.264+/H.264/MJPEG                                                                                                         |            |            |           |
| H.265 Compression Standard    | Main Profile@Leve4.1 High Tier                                                                                                                                                                    |            |            |           |
| Resolution                    | 5MP(2880×1624), 4MP(2688×1520),1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), CIF, 480×240                                                                                                   |            |            |           |
| Main Stream                   | 5MP/4MP/1080P(60Hz:1~30fps; 50Hz:1~25fps )                                                                                                                                                        |            |            |           |
| Sub Stream                    | 1080P/720P/D1/VGA/CIF/480×240( 60Hz:1~30fps; 50Hz:1~25fps)                                                                                                                                        |            |            |           |
| Third Stream                  | D1/CIF/480×240(60Hz:1~30fps; 50Hz:1~25fps )                                                                                                                                                       |            |            |           |
| Bit Rate                      | 64 Kbps ~10 Mbps                                                                                                                                                                                  |            |            |           |
| Bit Rate Type                 | VBR/CBR                                                                                                                                                                                           |            |            |           |
| Image Settings                | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser                                         |            |            |           |
| Audio Compression             | G711A/U                                                                                                                                                                                           |            |            |           |
| Region of Interest (ROI)      | Each ROI to be configured separately                                                                                                                                                              |            |            |           |
| Interfaces                    |                                                                                                                                                                                                   |            |            |           |
| Network                       | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                                        |            |            |           |
| Audio                         | 1CH audio input; 1CH audio output; 1 CH built-in MIC                                                                                                                                              |            |            |           |
| Storage                       | Built-in micro SD card slot, up to 256GB                                                                                                                                                          |            |            |           |
| Reset                         | Yes                                                                                                                                                                                               |            |            |           |
| I/O                           | 1CH alarm input; 1CH alarm output                                                                                                                                                                 |            |            |           |
| DORI Distance                 |                                                                                                                                                                                                   |            |            |           |
| Lens                          | Detect                                                                                                                                                                                            | Observe    | Recognize  | Identify  |
| 2.8~12mm(W)                   | 66m(218ft)                                                                                                                                                                                        | 27m(87ft)  | 13m(44ft)  | 7m(23ft)  |
| 2.8~12mm(T)                   | 204m(669ft)                                                                                                                                                                                       | 82m(269ft) | 41m(135ft) | 20m(66ft) |
| Intelligent analytics         |                                                                                                                                                                                                   |            |            |           |
| Smart Event                   | Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/missing object detection                                |            |            |           |
| Statistics                    | Target counting by line/area, heat map                                                                                                                                                            |            |            |           |
| Exception Detection           | Scene change, video blur and abnormal color detection, audio exception                                                                                                                            |            |            |           |
| Face Detection                | Face detection and face capture                                                                                                                                                                   |            |            |           |
| Video Metadata                | Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature                                  |            |            |           |
| Functions                     |                                                                                                                                                                                                   |            |            |           |
| Remote Monitoring             | Web browser/NVR/NVMS2.X/Mobile APP                                                                                                                                                                |            |            |           |
| Web Browser                   | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                                                |            |            |           |
| 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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP v1/v2/v3, HTTP, HTTP POST, 802.1x, UPnP,HTTPS, P2P, QoS                                                           |            |            |           |
| Interface Protocol            | ONVIF                                                                                                                                                                                             |            |            |           |
| Storage                       | Network remote storage; micro SD card storage                                                                                                                                                     |            |            |           |
| Smart Alarm                   | Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)                             |            |            |           |
| General Function              | Watermark, IP address filtering, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade                                                                         |            |            |           |
| Security                      | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP |            |            |           |
| PoE                           | Yes, IEEE802.3af                                                                                                                                                                                  |            |            |           |
| IR Distance                   | 30 ~ 50 m                                                                                                                                                                                         |            |            |           |
| Weather Protection            | IP67 Protection from dust and water                                                                                                                                                               |            |            |           |
| Others                        |                                                                                                                                                                                                   |            |            |           |
| Power Supply                  | DC12V/PoE                                                                                                                                                                                         |            |            |           |
| Power Consumption             | <10.5W                                                                                                                                                                                            |            |            |           |
| Operating Environment         | -30°C~60°C (-22°F~140°F);Humidity: less than 95 % (non-condensing)                                                                                                                                |            |            |           |
| Storage Environment           | -30°C~65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                                                                                                                               |            |            |           |
| Dimensions (mm)               | 218.1×70.4×80.3                                                                                                                                                                                   |            |            |           |
| Weight (net)                  | Approx. 0.73KG                                                                                                                                                                                    |            |            |           |
| Installation                  | Ceiling mounting; Wall mounting                                                                                                                                                                   |            |            |           |
| Certificate                   | EMC: CE/EN 55032:2015+A11:2020 EN 55035:2017+A11:2020<br>Safety: IEC 62368-1:2020+A11:2020<br>RoHS: 2011/65/EU                                                                                    |            |            |           |
| Environmental Protection      | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)                                                                                                     |            |            |           |