



## PM-PB4ULSR-W

### 4MP Varifocal Bullet P-Iris IP Camera 4.3X Motorized Zoom

Panasonic Cameras are developed to deliver high-performance security solutions, safeguarding homes, retail spaces, and offices with advanced technology and robust surveillance. Equipped with intelligent video analytics, these cameras can automatically detect and respond to specific security events such as line crossing, abandoned or missing objects, and more-providing real-time alerts that enhance situational awareness and response. The integrated Region of Interest (ROI) functionality allows users to prioritize critical areas within the camera's field of view.



**NDAA**  
COMPLIANT

**H.265+ H.264**  
**H.265 JPEG**



**SECURE**  
SSL ENCRYPTION

**IP67**



### Key Features

- 4MP Varifocal Bullet P-Iris network camera
- 120dB Wide Dynamic Range
- Color Night Vision: Color: 0.0016 lux@F1.6, AGC ON
- IR range: 30~50m
- IP67 protection from dust and water
- Advanced encryption and access control
- NDAA

# Specifications

| CAMERA                        |                                                                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                          | 4MP Varifocal Bullet P-Iris Network Camera                                                                                                                                            |
| Image Sensor                  | 1/1.8" CMOS                                                                                                                                                                           |
| Max Resolution                | 4MP (2560×1440)                                                                                                                                                                       |
| Electronic Shutter            | 1/3s ~ 1/100000s                                                                                                                                                                      |
| Min. Illumination             | Color: 0.0016 lux@F1.6, AGC ON                                                                                                                                                        |
| IR Distance / Light Range     | 30~50m                                                                                                                                                                                |
| LENS                          |                                                                                                                                                                                       |
| Focal length                  | 2.8~12mm@F1.5                                                                                                                                                                         |
| Focus                         | Motorized                                                                                                                                                                             |
| Iris Type                     | P-Iris                                                                                                                                                                                |
| Optical zoom                  | 4.3x (Motorized zoom )                                                                                                                                                                |
| Lens Mount                    | Ø 14                                                                                                                                                                                  |
| Angular Field of View         | H.FoV: 102°~47°<br>V.FoV: 56°~26°<br>D.FoV: 118°~55°                                                                                                                                  |
| Day & Night                   | ICR                                                                                                                                                                                   |
| IMAGE                         |                                                                                                                                                                                       |
| Video Compression             | Mainstream: H.265+/H.265/H.264+/H.264<br>Sub/third stream: H.265+/H.265/H.264+/H.264/MJPEG                                                                                            |
| Supported Resolution          | 4MP (2560×1440)<br>3MP (2304×1296)<br>1080P (1920×1080)<br>720P (1280×720)<br>D1(704×480)<br>VGA (640×480)<br>480×240<br>CIF(352×288)                                                 |
| Number of Supported Stream    | 3                                                                                                                                                                                     |
| Mainstream                    | 60Hz: 4MP/3MP/1080P/720P (1~30fps)<br>50Hz: 4MP/3MP/1080P/720P (1~25fps)                                                                                                              |
| Sub Stream                    | 60Hz: 720P/D1/VGA/480×240/CIF (1~30fps)<br>50hz: 720P/D1/VGA/480×240/CIF (1~25fps)                                                                                                    |
| Third Stream                  | 60Hz: D1/CIF/480×240 (1~30fps)<br>50Hz: D1/CIF/480×240 (1~25fps)                                                                                                                      |
| Bit Rate                      | 64Kbps~8Mbps                                                                                                                                                                          |
| Bit Rate Type                 | VBR/CBR                                                                                                                                                                               |
| Image Settings                | ROI<br>Saturation<br>Brightness<br>Hue<br>Contrast<br>Wide Dynamic<br>Defog<br>Sharpness<br>Image Mirror<br>Image Flip<br>NR<br>etc.adjustable through client software or web browser |
| Audio Compression             | G711A/U                                                                                                                                                                               |
| Region Of Interest            | Each ROI to be configured separately                                                                                                                                                  |
| OPERATIONAL                   |                                                                                                                                                                                       |
| Wide Dynamic Range(WDR)       | 120dB                                                                                                                                                                                 |
| Back Light Compensation (BLC) | Yes                                                                                                                                                                                   |
| High Light Compensation (HLC) | Yes                                                                                                                                                                                   |
| Defog                         |                                                                                                                                                                                       |
| Digital Noise Reduction (DNR) | Yes                                                                                                                                                                                   |
| S/N ratio                     | ≥50dB                                                                                                                                                                                 |
| Angle Adjustment              | Pan: 0°~360°<br>Tilt: 0°~90°<br>Rotation: 0°~360°                                                                                                                                     |
| INTERFACES                    |                                                                                                                                                                                       |
| Network                       | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                            |
| Video                         | CVBS output (BNCx1)                                                                                                                                                                   |
| Audio                         | 1CH audio input<br>1CH audio output<br>1CH built-in MIC                                                                                                                               |
| Storage                       | Built-in micro SD card slot, up to 256GB                                                                                                                                              |
| Alarm                         | 1CH alarm input<br>1CH alarm output                                                                                                                                                   |
| RS485                         | -                                                                                                                                                                                     |

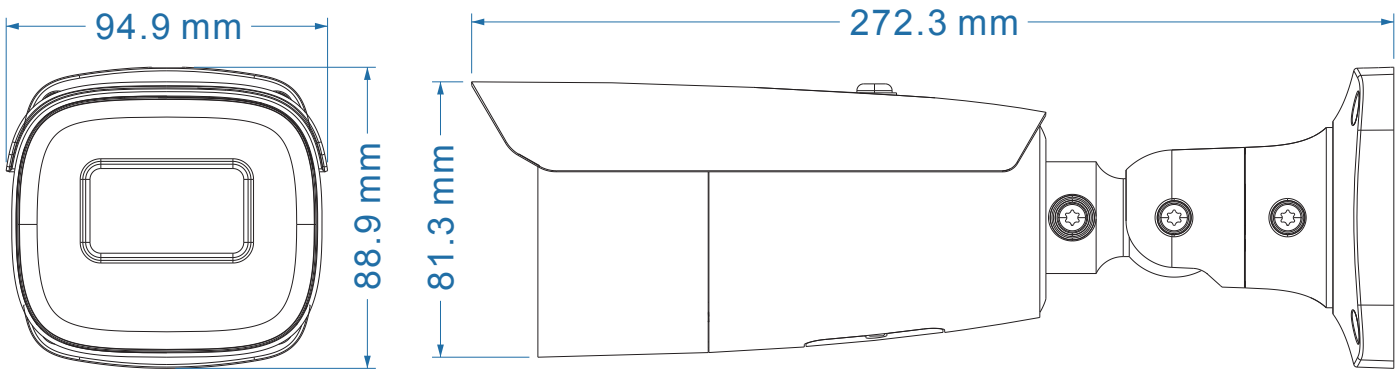
# Specifications

| DORI DISTANCE                                           |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lens                                                    | 2.8~12mm[W]<br>2.8~12mm[T]                                                                                                                                                                                                                              |
| Detect                                                  | 57m(187ft)<br>132m(433ft)                                                                                                                                                                                                                               |
| Observe                                                 | 23m(75ft)<br>53m(174ft)                                                                                                                                                                                                                                 |
| Recognize                                               | 11m(36ft)<br>26m(85ft)                                                                                                                                                                                                                                  |
| Identify                                                | 6m(20ft)<br>13m(43ft)                                                                                                                                                                                                                                   |
| INTELLIGENT ANALYTICS                                   |                                                                                                                                                                                                                                                         |
| Statistics                                              | Yes, with NVR or SD Card                                                                                                                                                                                                                                |
| Audio Exception Detection                               | Yes                                                                                                                                                                                                                                                     |
| Face Detection                                          | Yes                                                                                                                                                                                                                                                     |
| Face Recognition and Matching                           | Yes, with NVR                                                                                                                                                                                                                                           |
| Video Metadata(Human/Vehicle Attributes / Two Wheelers) | Yes, with NVR                                                                                                                                                                                                                                           |
| OTHER ANALYTICS                                         |                                                                                                                                                                                                                                                         |
| Motion Detection                                        | -                                                                                                                                                                                                                                                       |
| Smart Alarm                                             | Motion detection<br>SMD<br>SD card full, SD card error<br>IP address conflict<br>Cable disconnection<br>Video exception (scene change, video blur and abnormal color detection)                                                                         |
| Smart Event                                             | Line crossing<br>Region intrusion<br>Entrance/exiting detection (human/motor vehicle/non-motor vehicle classification)<br>Abandoned/missing object detection<br>Loitering detection<br>Illegal parking detection<br>Target counting by line<br>Heat map |
| FUNCTIONS                                               |                                                                                                                                                                                                                                                         |
| Remote Monitoring                                       | Web browser<br>NVR<br>Panasonic VMS 2.X<br>Mobile APP                                                                                                                                                                                                   |
| Web Browser                                             | Chrome 89.0+<br>Edge 89.0+<br>Firefox 87.0+<br>Safari 14.0+                                                                                                                                                                                             |
| Online Connection                                       | Support simultaneous monitoring for up to 10 users<br>Support multi-stream real time transmission                                                                                                                                                       |
| Network Protocol                                        | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE<br>DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1<br>UPnP, HTTPS, P2P, QoS                                                                                                                      |
| Interface Protocol                                      | ONVIF Profile S/G/M/T                                                                                                                                                                                                                                   |
| Other Functions                                         | Watermark<br>Video Mask<br>Heartbeat<br>Image Distortion Correction<br>Corridor Pattern<br>ANR<br>Cloud Upgrade                                                                                                                                         |
| Security                                                | Video encryption<br>Firmware encryption<br>Configuration encryption<br>Illegal login lock<br>IP address filtering<br>802.1x authentication<br>Basic and digest authentication for HTTP/RTSP<br>NDAA                                                     |
| GENERAL                                                 |                                                                                                                                                                                                                                                         |
| Power Supply                                            | DC12V/PoE                                                                                                                                                                                                                                               |
| PoE                                                     | Yes , IEEE802.3af/at                                                                                                                                                                                                                                    |
| Power Consumption                                       | <12.5W                                                                                                                                                                                                                                                  |
| Weather Protection                                      | IP67 protection from dust and water                                                                                                                                                                                                                     |
| Operating Environment                                   | -30°C~60°C [-22°F~140°F]<br>Humidity: less than 95% (non-condensing)                                                                                                                                                                                    |
| Storage Environment                                     | -30°C~65°C [-22°F~149°F]<br>Humidity: less than 95% (non-condensing)                                                                                                                                                                                    |
| Dimensions (mm)                                         | Ø141×100.2                                                                                                                                                                                                                                              |

# Specifications

| GENERAL      |                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------|
| Weight (net) | Approx.0.93KG                                                                                                  |
| Installation | Ceiling mounting<br>Wall mounting                                                                              |
| Certificate  | EMC: EN 55032:2015+A11:2020 EN 55035:2017+A11:2020<br>Safety: EN IEC 62368-1:2020+A11:2020<br>RoHS: 2011/65/EU |

# Appearance



# Optional Accesories

## Mount Bracket



**Disclaimer:**  
Panasonic accepts no responsibility or liability for the performance of the network, nor for any third-party products used in conjunction with this system.  
Product dimensions and masses are approximate. Specifications are subject to change without notice.