



**PM-ED2NLFR-W**

## 2MP Fixed Turret IP Camera

Panasonic Cameras are developed to offer high security, ensuring the safety of customers in their homes, shops, and offices. Equipped with smart intelligence, these cameras detect events like line crossings and intrusion, the camera automatically activates white light upon detection, 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

- 2MP Fixed Turret Network Camera
- Digital Wide Dynamic Range
- Color Night Vision: 0.0462 lux @F2.2, AGC ON
- 10~20m IR night view distance
- 10~20m white light view distance
- IP67 protections from dust and water
- Advanced encryption and access control
- NDAA

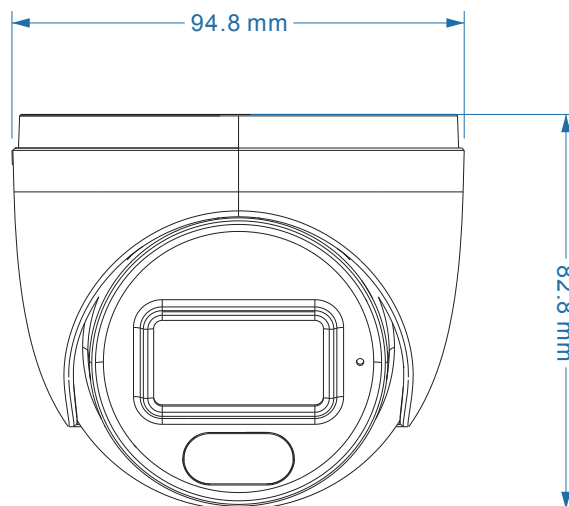
# Specifications

| CAMERA                        |                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                          | 2MP Fixed Turret Network Camera                                                                                                                                               |
| Image Sensor                  | 1/3"CMOS                                                                                                                                                                      |
| Max Resolution                | 2MP (1920×1080)                                                                                                                                                               |
| Electronic Shutter            | 1/3s ~ 1/100000 s                                                                                                                                                             |
| Min. Illumination             | 0.0462 lux @F2.2, AGC ON                                                                                                                                                      |
| IR Distance / Light Range     | IR range:10~20m<br>White light range:10~20m                                                                                                                                   |
| LENS                          |                                                                                                                                                                               |
| Focal Length                  | 2.8mm@F2.2                                                                                                                                                                    |
| Focus                         | Fixed                                                                                                                                                                         |
| Iris Type                     | Fixed Iris                                                                                                                                                                    |
| Optical Zoom                  |                                                                                                                                                                               |
| Angular Field of View         | H.FoV: 93°<br>V.FoV:52°<br>D.FoV:106°                                                                                                                                         |
| Day&Night                     | ICR                                                                                                                                                                           |
| IMAGE                         |                                                                                                                                                                               |
| Video Compression             | Main stream: H.265+/H.265/H.264+/H.264<br>Sub stream: H.265+/H.265/H.264+/H.264                                                                                               |
| Resolution                    | 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    | 2                                                                                                                                                                             |
| Mainstream                    | 60Hz: 1080P/720P (1~30fps)<br>50Hz: 1080P/720P (1~25fps)                                                                                                                      |
| Sub Stream                    | 60Hz: D1/VGA/640×360/480×240/CIF (1~30fps)<br>50Hz: D1/VGA/640×360/480×240/CIF (1~25fps)                                                                                      |
| Third Stream                  | -                                                                                                                                                                             |
| Bit Rate                      | 64 Kbps ~ 3 Mbps                                                                                                                                                              |
| Bit Rate Type                 | VBR/CBR                                                                                                                                                                       |
| Image Settings                | ROI<br>Saturation<br>Brightness<br>Hue<br>Contrast<br>Wide Dynamic<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            | Digital WDR                                                                                                                                                                   |
| Back Light Compensation (BLC) | Yes                                                                                                                                                                           |
| High Light Compensation (HLC) | Yes                                                                                                                                                                           |
| Defog                         | Yes                                                                                                                                                                           |
| Digital Noise Reduction (DNR) | ≥50dB                                                                                                                                                                         |
| S/N ratio                     | ≥50dB                                                                                                                                                                         |
| Angle Adjustment              | Pan: 0°~360°<br>Tilt:0°~75°<br>Rotation: 0°~360°                                                                                                                              |
| INTERFACES                    |                                                                                                                                                                               |
| Network                       | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                    |
| Video                         | -                                                                                                                                                                             |
| Audio                         | 1CH built-in MIC                                                                                                                                                              |
| Storage                       | -                                                                                                                                                                             |
| Alarm                         | -                                                                                                                                                                             |
| DORI DISTANCE                 |                                                                                                                                                                               |
| Lens                          | 2.8                                                                                                                                                                           |
| Detect                        | 44m(144ft)                                                                                                                                                                    |
| Observe                       | 18m(59ft)                                                                                                                                                                     |
| Recognize                     | 9m(30ft)                                                                                                                                                                      |
| Identify                      | 4m(13ft)                                                                                                                                                                      |

# Specifications

| OTHER ANALYTICS       |                                                                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motion Detection      | Yes                                                                                                                                                                                                                     |
| Smart Alarm           | -                                                                                                                                                                                                                       |
| Smart Event           | Region Intrusion Detection<br>Line Crossing Detection<br>Video Exception (Scene Change, Video Blur And Abnormal Color Detection)                                                                                        |
| 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 3 users<br>Support multi-stream real time transmission                                                                                                                        |
| Network Protocol      | UDP, IPv4, IPv6, DHCP, DDNS, NTP, SNMP, RTSP, 802.1x, UPnP<br>SMTP, FTP, HTTP, HTTPS, QoS                                                                                                                               |
| Interface Protocol    | ONVIF S                                                                                                                                                                                                                 |
| Other Function        | Watermark<br>IP address filtering<br>Video mask<br>Heartbeat<br>Smart supplement light<br>Corridor pattern<br>ANR<br>Cloud upgrade                                                                                      |
| Security              | Video encryption<br>Firmware encryption<br>HTTPS 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                                                                                                                                                                                                        |
| Power Consumption     | < 5W                                                                                                                                                                                                                    |
| Weather Protection    | IP67 protections from dust and water                                                                                                                                                                                    |
| Operating Environment | -20°C~55°C (-4°F~131°F)<br>Humidity: less than 95% (non-condensing)                                                                                                                                                     |
| Storage Environment   | -20°C~60°C (-4°F~140°F)<br>Humidity: less than 95% (non-condensing)                                                                                                                                                     |
| Dimensions (mm)       | Ø94.8×82.8                                                                                                                                                                                                              |
| Weight (net)          | Approx. 0.27KG                                                                                                                                                                                                          |
| 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

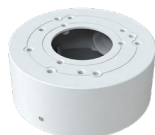


## Optional Accesories

### Mount Bracket



**PM-YH0103-W**  
Junction box



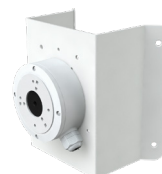
**PM-YH0104-W**  
Junction box



**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

### 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.