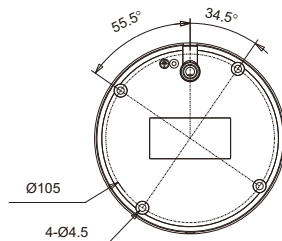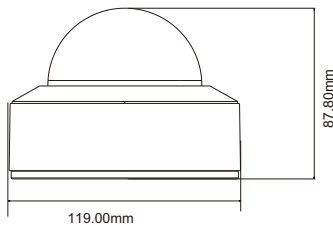## 5MP Fixed Dome
Network Camera

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 detectline 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: 2880×1856
- ICR auto switch, true day/night vision
- 20~30m 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 Detections
- Advanced Intelligence
- Redundant system backup

Appearance

Optional Accessories

Mount Bracket

PM-YH0101B-W	PM-YZJ0203-W	PM-YZJ701A-W	PM-YZJ0406-W	PM-YH0101B-W + PM-YZJ0406-W+ PM-YZJ0501-W	PM-YH0101B-W + PM-YZJ0406-W + PM-YZJ0601-W	PM-YH0101B-W + PM-YZJ0810-W
Junction box	Wall mount bracket	In-ceiling mount bracket	Wall mount bracket	Pole mount bracket	Corner mount bracket	Ceiling mount bracket

Specifications

Camera	
Image Sensor	1/2.5"CMOS
Image Size	2880×1856
Electronic Shutter	1/4s~1/100000 s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8 mm@F1.6, horizontal FoV: 104°; vertical FoV: 54.5°; diagonal FoV:130°
Focus	Fixed
Lens Mount	M12
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°~355°; Tilt:0°~70°;Rotation: 0°~180°

Image	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 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
2.8mm(W)	71m(232ft)	28m(93ft)	14m(46ft)	7m(23ft)

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, 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	20~30m
Weather and Vandal Protection	IP67 protections from dust and water, IK10 protection for Vandal resistance

Others	
Power Supply	DC12V/PoE
Power Consumption	<7.5W
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)	Ø119×87.8
Weight (net)	Approx. 0.65KG
Installation	Ceiling mounting; Wall mounting
Certificate	EMC: CE/EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 Safety: IEC 62368-1:2020+A11:2020 RoHS: 2011/65/EU
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)