



PM-PB8ULVR-W

8MP Varifocal Bullet IP Camera 4.3X Motorized Zoom

Panasonic Cameras are developed to deliver high-performance security solutions, safeguarding homes, shops, and offices with advanced technology and reliable surveillance. Integrated with intelligent analytics, the cameras can automatically detect and respond to specific security events such as line crossing, abandoned or missing objects, and more. These proactive features provide real-time alerts enhancing security and offering users greater peace of mind. The built-in Region of Interest (ROI) functionality allows users to prioritize Critical zones within the camera's field of view.



NDAA
COMPLIANT

H.265+ H.264
H.265 JPEG



SECURE
SSL ENCRYPTION

IP67



Key Features

- 8MP Varifocal bullet network camera
- 120dB Wide Dynamic Range
- Color Night Vision: Color: 0.015lux @F1.4, AGC ON
- IR range: 50~70m
- IP67 protection from dust and water
- Advanced encryption and access control
- NDAA

Specifications

CAMERA	
Type	8MP Varifocal Bullet Network Camera
Image Sensor	1/2.8" CMOS
Max Resolution	8MP (3840×2160)
Electronic Shutter	1/3s~1/100000 s
Min. Illumination	Color: 0.015lux @F1.4, AGC ON
IR Distance / Light Range	50~70m
LENS	
Focal length	2.8~12mm@F1.4
Focus	Motorized
Iris Type	DC AUTO
Optical zoom	4.3x (Motorized zoom)
Lens Mount	Ø 14
Angular Field of View	H.FoV: 102°~32° V.FoV: 54°~17° D.FoV:120°~ 37°
Day & Night	ICR
IMAGE	
Video Compression	Mainstream: H.265+/H.265/H.264+/H.264 Sub/third stream: H.265+/H.265/H.264+/H.264/MJPEG
Supported Resolution	8MP (3840x2160) 6MP (3072x2048) 5MP (2592x1944) 4MP (2592x1520) 2K (2560x1440) 3MP (2304x1296) 1080P (1920×1080) 720P (1280×720) D1(704×480) 640×480 480×240 CIF(352×288)
Number of Supported Stream	3
Mainstream	60Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~30fps) 50Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~25fps)
Sub Stream	60Hz: 1080P (1~25fps)/720P/D1/640×480/480×240/CIF (1~30fps) 50Hz: 1080P/720P/D1/640×480/480×240/CIF (1~25fps)
Third Stream	60Hz: 720P/D1/480×240/CIF (1~30fps) 50Hz: 720P/D1/480×240/CIF (1~25fps)
Bit Rate	64Kbps~12Mbps
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	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° Tilt: 0°~90° Rotation: 0°~360°
INTERFACES	
Network	RJ 45 10M/100M self-adaptive Ethernet port
Video	CVBS output (BNC x1)
Audio	1CH audio input 1CH audio output
Storage	Built-in micro SD card slot, up to 256GB
Alarm	1CH alarm input 1CH alarm output
RS485	-

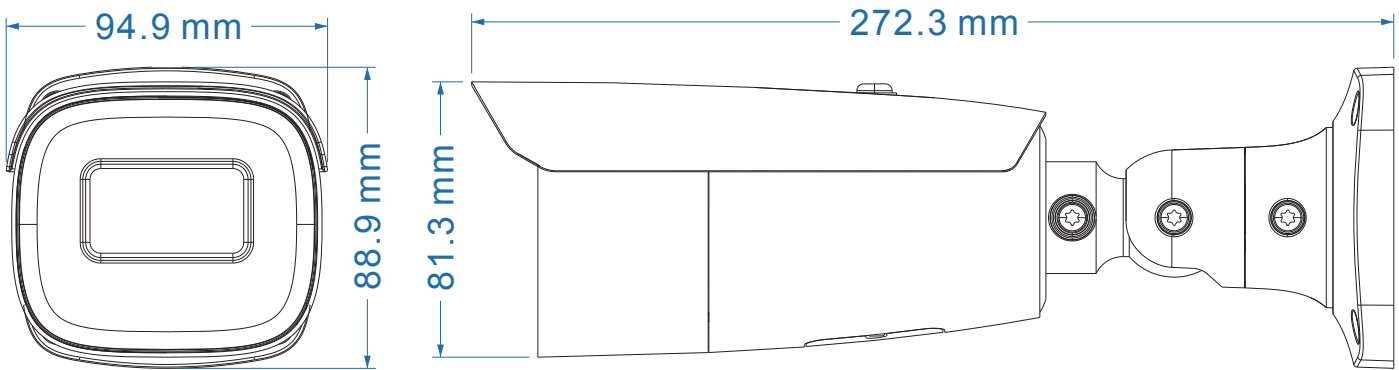
Specifications

DORI DISTANCE	
Lens	2.8~12mm[W] 2.8~12mm[T]
Detect	85m(278ft) 289m(948ft)
Observe	34m(111ft) 116m(380ft)
Recognize	17m(56ft) 58m(190ft)
Identify	8m(26ft) 29m(95ft)
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)	Simultaneously captures human body Motor vehicle and non-motor vehicle Extracts 13 human features 4 motor vehicle features 1 non-motor vehicle feature
OTHER ANALYTICS	
Motion Detection	-
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)
Smart Event	Line crossing Region intrusion Entrance/exiting detection (human/motor vehicle/non-motor vehicle classification) Abandoned/missing object detection Loitering detection Illegal parking detection Target counting by line Target counting by area Heat map
FUNCTIONS	
Remote Monitoring	Web browser NVR Panasonic VMS 2.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, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, RTMP, HTTP, HTTPS, HTTP POST,P2P, QoS
Interface Protocol	ONVIF Profile S/G/M/T
Other Functions	Watermark IP Address Filtering Video Mask Heartbeat ANR Cloud Upgrade Corridor Pattern
Security	Video encryption Firmware encryption Configuration encryption Illegal login lock IP address filtering 802.1x authentication Basic and digest authentication for HTTP/RTSP NDAA
GENERAL	
Power Supply	DC12V/PoE
PoE	Yes , IEEE802.3af/at
Power Consumption	<12W
Weather Protection	IP67 protection from dust and water
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)	272.3×94.9×88.9

Specifications

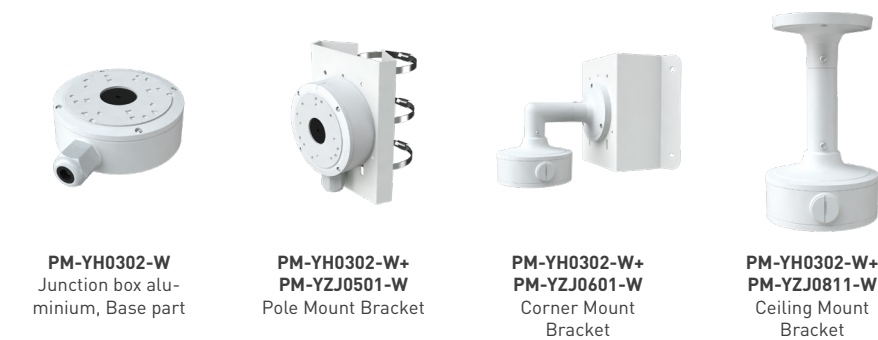
GENERAL	
Weight (net)	Approx. 1.04KG
Installation	Ceiling mounting Wall mounting
Certificate	EMC: EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 Safety: EN IEC 62368-1:2020+A11:2020 RoHS: 2011/65/EU

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.