

Panasonic

PM-VB4ULFT-W

4MP Fixed Bullet True Colour IP Camera

Panasonic's latest AI-powered security cameras deliver twice the computing power compared to conventional models, unlocking superior performance across surveillance and image processing. At the heart of this innovation is the AI-ISP (Image Signal Processor), which dramatically enhances picture quality through advanced real-time optimization. Combined with an ultra-large F1.0 aperture and a stacked large-format CMOS sensor, the camera excels in capturing vivid, full-color images - even in near-total darkness, down to 0.0001 Lux. These cameras are engineered for intelligent efficiencies.



ONVIF® **NDAA** COMPLIANT **H.265+ H.264** **H.265 JPEG** **SECURE** SSL ENCRYPTION **IP67**

Key Features

- 4MP Fixed bullet true colour Network camera
- 120dB Wide Dynamic Range
- Color Night Vision: Color: 0.0001 lux @F1.0, AGC ON
- 20~30m white light view distance
- IP67 protection from dust and water
- Advanced encryption and access control
- NDAA

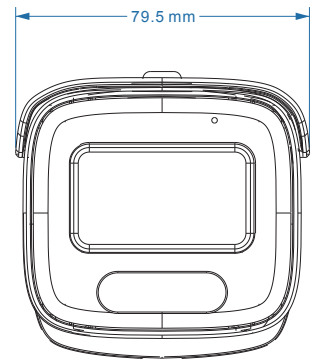
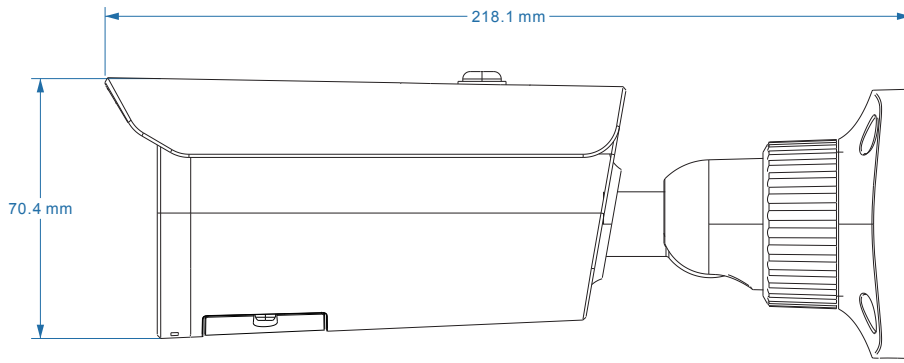
Specifications

CAMERA	
Type	4MP Fixed Bullet True Colour Network Camera
Image Sensor	1/1.79" CMOS
Max Resolution	4MP (2688x1520)
Electronic Shutter	1/3s - 1/100000s
Min. Illumination	Color: 0.0001 lux @F1.0, AGC ON
IR Distance / Light Range	20-30m white light view distance
LENS	
Focal length	2.8mm@F1.0
Focus	Fixed
Iris Type	Fixed Iris
Optical zoom	
Lens Mount	M12
Angular Field of View	H.FoV: 112° V.FoV:61° D.FoV:132°
Day & Night	-
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	4MP (2688x1520) 2K (2560x1440) 1080P (1920x1080) 720P (1280x720) D1(704x480) VGA (640x480) 640x360 480x240 CIF(352x288)
Number of Supported Stream	3
Mainstream	60Hz: 4MP/2K/1080P (1-30fps) 50Hz: 4MP/2K/1080P (1-25fps)
Sub Stream	60Hz: 720P/D1/640x360/VGA/CIF/480x240 (1-30fps) 50Hz: 720P/D1/640x360/VGA/CIF/480x240 (1-25fps)
Third Stream	60Hz: 720P/D1/640x360/VGA/CIF/480x240 (1-30fps) 50Hz: 720P/D1/640x360/VGA/CIF/480x240 (1-25fps)
Bit Rate	32Kbps-8Mbps
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)	Digital WDR
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	-
Audio	1CH audio input 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 512GB
Alarm	-
RS485	-

Specifications

DORI DISTANCE	
Lens	2.8mm
Detect	57m(187ft)
Observe	23m(75ft)
Recognize	11m(36ft)
Identify	6m(20ft)
INTELLIGENT ANALYTICS	
Statistics	-
Audio Exception Detection	Yes
Face Detection	Yes
Face Recognition and Matching	
Video Metadata(Human/Vehicle Attributes / Two Wheelers)	
OTHER ANALYTICS	
Motion Detection	-
Smart Alarm	<ul style="list-style-type: none"> Motion detection SMD SD card full, SD card error IP address conflict Network disconnection Video exception (scene change, video blur and abnormal detection)
Smart Event	<ul style="list-style-type: none"> Line crossing Region intrusion Entrance/exiting detection(human/motor vehicle/non-motor vehicle classification) Abandoned/missing object detection Target counting by line
FUNCTIONS	
Remote Monitoring	<ul style="list-style-type: none"> Web browser NVR Panasonic VMS 2.X Mobile APP
Web Browser	<ul style="list-style-type: none"> Chrome 89.0+ Edge 89.0+ Firefox 87.0+ Safari 14.0+
Online Connection	<ul style="list-style-type: none"> Support simultaneous monitoring for up to 10 users Support multi-stream real time transmission
Network Protocol	<ul style="list-style-type: none"> UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS HTTP POST, P2P, QoS
Interface Protocol	ONVIF Profile S/G/M/T
Other Functions	<ul style="list-style-type: none"> Watermark Video Mask Heartbeat Image Distortion Correction Corridor Pattern ANR Cloud Upgrade Disarming
Security	<ul style="list-style-type: none"> 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
Power Consumption	< 6.5W
Weather Protection	IP67 protection from dust and water
Operating Environment	<ul style="list-style-type: none"> -30°C~60°C [-22°F~140°F] Humidity: less than 95% (non-condensing)
Storage Environment	<ul style="list-style-type: none"> -30°C~65°C [-22°F~149°F] Humidity: less than 95% (non-condensing)
Dimensions (mm)	218.1x72.9x 73.1
Weight (net)	Approx. 0.64KG
Installation	<ul style="list-style-type: none"> Ceiling mounting Wall mounting
Certificate	<ul style="list-style-type: none"> EMC: EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 Safety: EN IEC 62368-1:2020+A11:2020 RoHS: 2011/65/EU

Appearance

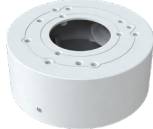


Optional Accesories

Mount Bracket



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.