Panasonic

PM-EW08MMRJ/ PM-VW08MGRJ

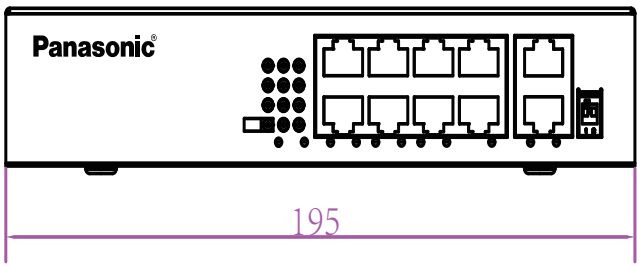
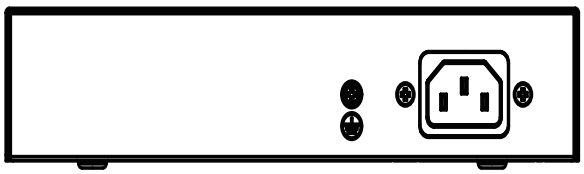
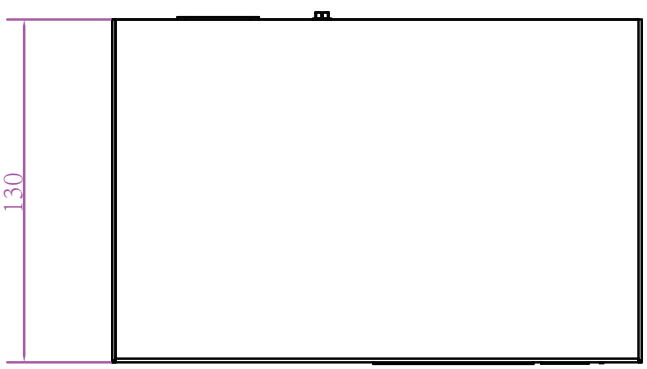
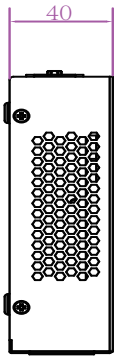
8 x 10/100 Mbps PoE ports

Panasonic's 8-Port PoE Switch series elevates mid sized CCTV networks with intelligent AI self healing, extended reach 250m transmission, and enhanced 8KV ESD protection. With higher switching capacity and Panasonic grade durability, it gives installers dependable performance, distributors a premium solution, and end users a stable, secure surveillance backbone.

Key Features

- AI Watchdog Function mode (D):
- Long-distance transmission mode (E)
- 4KV Lightning & 8KV ESD Protection
- 100Mbps PoE Ports

Specifications

NETWORK PARAMETERS	PM-EW08MMRJ	PM-VW08MGRJ
PoE Ports	8 × 10/100 Mbps PoE ports(RJ45)	8 × 10/100 Mbps PoE ports(RJ45)
Uplink Ports	2 × 10/100 Mbps ports(RJ45)	2 × 10/100/1000 Mbps ports(RJ45)
Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x	
MAC Address Table	Up to 2K	
Switching Capacity	2.0Gbps	5.6Gbps
The Frame Filter & Transmission Rate	14800pps the most for the long distance mode (250m, 10M, cat 5e/cat 6 cable), 148800pps the most for 100M port, 1.488Mpps the most for 1000M port	
Function Switch	E File: Up to 250m transmission distance and VLAN isolation function. (Default: OFF, Use: ON)	
	D File: AI self-healing mode. When the network fails, PoE watchdog will restart the power supply of the device and automatically repair the network communication. (Default: OFF, Use: ON)	
	Note: The function switch can control different functions, which can be enabled separately and simultaneously	
LED Indicator	Power: PWR (green), Network: L/A (green), Functional switch: EXTEND (green)	
PoE		
PoE Standard	IEEE 802.3af, IEEE 802.3at	
PoE Ports	1-8 ports	
Power Output	PIN:1/2(+), 3/6(-)	
Max. Port Power	30W	
GENERAL PARAMETERS		
Power	AC 100~240V, 50Hz/60Hz	
Power Consumption	Max.120W	
Protection Level	Lightning Protection:4KV ESD Protection:8KV	
Dimensions	195×130×40mm	
Environment	Operating Temperature:-20 ~55	
	Storage Temperature:-40 ~70	
	Operating Humidity:10%~90%Non-condensing	
	Storage Humidity:5%~90%Non-condensing	
Weight (net)	1.0kg	
Installation	Desktop	
Certificate	EMC: EN 55032:2015+A11:2020, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2: 2021, EN 55035:2017+A11:2020	
	Safety: EN IEC 62368-1:2020+A11:2020	
	RoHS:2011/65/EU	
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU)	

Dimensions