

WatchAI 4 Port Unmanaged PoE Switch

Model: SWUM-5P-GB-POE



Unmanaged PoE switch with four IEEE 802.3af/at PoE ports plus two uplink ports. A built-in Extender/CCTV mode delivers long-distance transmission, making it ideal for surveillance and access-control deployments.

Key Features

- 4 x 10/100Base-TX PoE ports (IEEE 802.3af/at) for data and power
- 1.6 Gbps backplane bandwidth with store-and-forward forwarding mode
- Low standby power consumption (<3W), total power consumption <65W
- 4KV port surge protection, IP30-rated enclosure



Specifications

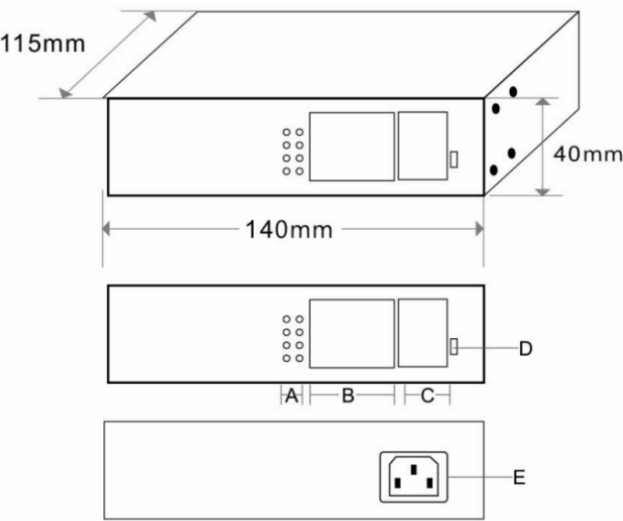
Ports & Switching	
Ports	4 x 10/100Base-T PoE ports (Data / Power) 2 x 10/100Base-T uplink RJ45 ports (Data)
Port Features	Ports 1-6 10/100Base-TX auto-detect, full/half duplex, MDI/MDI-X auto-sensing
Twisted Pair Transmission	10BASE-T: Cat3/4/5 UTP (≤ 250 meters) 100BASE-TX: Cat5 or later UTP (≤ 100 meters)
Network Protocols	IEEE 802.3 (10BASE-T), IEEE 802.3i (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.3x (Flow Control)
Function Switch	1 switch (Extender + CCTV) Note: switch state change requires a reboot to take effect
Forwarding Mode	Store-and-forward, full wire-speed
Switching Capacity	1.6 Gbps (non-blocking)
Packet Forwarding Rate	0.89 Mpps at 64 bytes
MAC Address Table	1K entries
Packet Forwarding Buffer	768K

PoE & Power	
PoE Standard	Ports 1-4 support IEEE 802.3af/at PoE power supply
PoE Power per Port	30W max per port (IEEE 802.3af/at standard)
Power Pins	Default: 1/2(+) and 3/6(-); Optional: 4/5(+) and 7/8(-) 4-pin power
Max per Port / Average Power	30W / 15.4W
Total Power / Input Voltage	65W (AC 100-240V)
Power Consumption	Standby power: $< 3W$; Full load power: $< 65W$
Included Power Supply	Internal switch-mode power supply, AC 100-240V, 50-60Hz, 1A

Indicators & Environmental	
LED Indicators	Power LED: PWR (Green); Network LED: Link (Green); Function Switch LED: EXTEND (Green)
Operating Temperature	$-20^{\circ}C$ to $+55^{\circ}C$, 5% to 90% RH (non-condensing)
Storage Temperature	$-40^{\circ}C$ to $+75^{\circ}C$, 5% to 95% RH (non-condensing)
Protection Rating	Surge protection: 4KV 8/20 μs ; Protection class: IP30

Physical & Compliance	
Dimensions (L x W x H)	142 x 114.5 x 40 mm
Net Weight	<0.6 kg
Gross Weight	<1 kg
Mounting Type	Desktop and wall-mount installation
Certifications	RCM

Dimensions (mm)



- A. LED Status Indicator
- B. 4 × 10/100Base-TX PoE Ports (IEEE 802.3af/at)
- C. 2 × 10/100Base-TX Uplink RJ45 Ports
- D. Extend Mode DIP Switch for Long-Distance Transmission
- E. AC 100–240V, 50/60Hz Power Input Interface