

## Fast Ethernet Mid-Span switch with PoE+

KPE-5008-24V Series 8-port 10/100Mbps Web Managed switch



Formosa Wireless Systems KPE-5008-24V series are 8 10/100M ports Power over Ethernet Web managed Switch which consists of 8 PSE/PoE ports. The model designs for application in Proprietary POE device. That software can support to remotely control enable/disable PoE function per port. The model provide easily to install the traditional IP-Cam, IP-phone and new 802.3at PoE PD device.

### Product Features

- 8 Port PSE/ PoE function, support Passive, IEEE-802.3af and IEEE802.3at
- Supporting Max. 24V 600mA for each PSE/PoE port
- Providing 8 10/100Mbps switching ports
- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX,
- Supporting the flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- All ports support Auto-MDIX function
- Being dedicated 200Mbps Full-duplex bandwidth to the each port
- Broadcast storm control and supporting store & forward operation
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Built-in 4K MAC learning table, 1.25M bits buffer memory
- Filtering/Forwarding Rate: 100Mbps/148,800pps; 10Mbps/14,880pps
- Supports packet length 1600 bytes
- Supports Port-base VLAN and IEEE802.1q tag-base VLAN based on ports & VIDs; add/remove/modify tag

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- Supports 2 trunk group, port 1-4 and port 5-7
  - Class Quality of service ( COS ): port- based, 802.1q priority tag based, IP TOS based, TCP/UDP port bases, 4 queues for per port, WRR/FIFS algorithm
  - Supports broadcast storm filtering
  - Supports bandwidth control
  - Supports port mirroring
  - Supports per port MAC address base filtering
  - Supports TCP/UDP port filtering8)
  - Supports IGMP V1&V2 snooping
  - Supports file backup and recovery
  - Supports web-based management interface
  - Status LEDs: System Power, Link/Activity, and PoE/PSE on line
  - Network Transmission Media: 10Base-T Cat. 3, 4, 5 UTP/STP; 100Base-TX Cat. 5 UTP/STP
  - Internal Power supply: AC input (90~260V/AC, 50~60Hz) UL Safety
  - PoE Power output pin: Type B 4,5 (+) 7,8(-)
  - Operating Temperature: 0°C ~ 40°C
  - Storing Temperature: -20°C ~ 90°C Humidity: 10% ~90% RH
- (Non-condensing)
- Dimension (L x W x H): 263 x 160 x 44 mm ( 1U high)
  - Power supply: 130Watt
  - Weight: 1.15 Kg
  - Certificates: CE & FCC
  - Smart plug & play

## Technical Specifications

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX
<b>Features</b>	<b>Number of Ports:</b> 8 10/100BaseT with RJ-45 Connector 8 PSE ports with RJ-45 connector
<b>Data Transfer Rate</b>	<b>Ethernet:</b> 10Mbps/Half-Duplex 20Mbps/Full-Duplex <b>Fast Ethernet:</b> 100Mbps/Half-Duplex 200Mbps/Full-Duplex
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m 100BaseTX Cat. 5 UTP/STP, up to 100 m
<b>LED Indicators</b>	<b>Per Port:</b> (TX): Link/Act, PoE Per Unit: Power
<b>Power Requirement</b>	AC input (90~260V/AC, 50~60Hz)
<b>Power supply</b>	130Watt
<b>Dimensions</b>	263 x 160 x 44 mm (L x W x H)
<b>Weight</b>	1155 g
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC , CE