Gigabit Ethernet Switch with PoE+

KPE-5008GT2 8-port 10/100/1000M Switch

Formosa Wireless Systems KPE-5008GT2 is 8-port 10/100/1000Mbps Power over Ethernet switch which consists of 8 PSE/PoE ports. The models compliant to PoE IEEE 802.3at, it defines new green power saving idea on PSE Port. That device application: wireless Access Point; PoE client device; IP phone and IPcam system. It could Power up 8 of PoE client devices in same time.

Product Features

- Providing 8 ports of 10/100/1000Mbps TX Switching port

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T

- Complying with 802.3x Flow Control

- 8 Ports PSE/ PoE function, compliant with IEEE-802.3af and IEEE802.3at

- Supporting the power up to Max 30Watt for each PSE/PoE port

- 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 2000Mbps Full-duplex bandwidth to the each port

- Broadcast storm control and supporting store & forward operation

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- Non-blocking & Non-head-of-line blocking full-wire-speed forwarding

- Auto-learning networking configurations

- Built-in 2K MAC learning table, 96K byte buffer memory

- Filtering/Forwarding Rate: 1000Mbps/1488,000pps 100Mbps/148,800pps; 10Mbps/14,880pps

- Supports packet length 1522 bytes/ Maximum 1536bytes

- Jumbo frames: 9K

- Status LEDs: System Power, Link/Activity, PoE/PSE on line

- Operating Temperature: 0℃ ~ 45℃

- Storing Temperature: -20℃ ~ 90℃

- Humidity: 10% ~90% RH (Non-condensing)

- Dimension (L x W x H): 263 x160 x 44 mm (1U high)

- 11-inch metal enclosure with optional 19-inch bracket kit

- Power Consumption : 8Watt, system

- Internal Power Module, 65/150/250Watt, optional

  Weight: 1350g

- Certificates: CE & FCC

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Technical Specifications

Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE802.3ab 1000BaseT
	IEEE802.3af/ 802.3at
Features	**Number of Ports:**
	8 10/100/1000BaseT with RJ-45 Connector
	8 PSE ports with RJ-45 connectors
Data Transfer Rate	**Ethernet:**
	10Mbps/Half-Duplex
	20Mbps/Full-Duplex
	Fast Ethernet:
	100Mbps/Half-Duplex
	200Mbps/Full-Duplex
	Gigabit:
	2000Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m
	100BaseTX Cat. 5 UTP/STP, up to 100 m
	1000Base T cat 5,6 UTP, up to 100m
LED Indicators	**Per Port:**
	(TX): 10/100M Link/Act, 1000M, PoE
	Per Unit: Power
Internal Power Module	65/150/250Watt, optional
System Power Consumption	8Watt
Dimensions	263 x 160 x 44 mm (L x W x H)
Weight	1350g
Operating Temperature	0 to 45℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC , CE

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