



PS3059

PoE/PoE+ managed switch

5 port 10/100Mbps with 4 port PoE Switch with surge 6KV

PS3059 is 5 port 10/100M Power over Ethernet switch which consists of 4 PSE/PoE ports. PS3059 is compliant to POE+ IEEE 802.3at and 802.3af, it defines new green power saving idea on PSE port. The device provide one dedicate uplink port and small metal case designed for home user and small area application, and power management can prevent customer over use PoE power. Providing 4 low power consumption PD device connection.

- ▶ 4 ports PSE/PoE function, compliant with IEEE-802.3af class 3 / class 2 / class 1 and IEEE 802.3at
- ▶ Support the power up to 30Watts / 15.4Watts for each PSE/PoE port
- ▶ Provide 5 ports of 10/100Mbps switching port
- ▶ Comply with IEEE 802.3 10 Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3af PoE and IEEE802.3at PoE+
- ▶ Built-in 48K byte SRAM buffer memory
- ▶ Support the flow control: back pressure of 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 and forward operation
- ▶ Non-blocking and non-head-of-line blocking full-wire speed forwarding
- ▶ Auto-learning networking configurations
- ▶ Built-in 1K MAC learning table, 384K bits packets buffer memory

Technical Specifications

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Model#	PS3059
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IEEE Standard	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX IEEE802.3af/IEEE802.3at
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Number of ports	5 10/100BaseT with RJ-45 Connector 4 PSE ports with RJ-45 connectors
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Data Transfer Rate	
Ethernet	10Mbps / Half-Duplex 20Mbps / Full-Duplex
Fast Ethernet	100Mbps / Half-Duplex 200Mbps / Full-Duplex

Transmission media	
10BaseT Cat. 3, 4, 5 UTP/STP, up to 100m	
100BaseTX Cat. 5 UTP/STP, up to 100m	

LED indicators	
Per port	(TX): Link/Act, POE Per unit: Power

Power requirement	
48V DC in UL / TUV / CB Safety	

Power supply	
60Watts	

Dimensions (L x W x H)	
142mm x 95mm x 31mm	

Operating temperature	
0°C ~ 40°C	

Storage temperature	
-20°C ~ 90°C	

Humidity	
10% to 90% RH (non-condensing)	

Certifications	
FCC Class A, CE	

Dimension:

