

P1000D Series

100M Unmanaged PoE Switches

Data Sheet

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Overview

P1000D Series are 10/100M, Unmanaged PoE Switches, Plug-and-Play design, easy to install and operate;

Their rich diagnostic LEDs on the front-panel provides the clear operating status of individual port and whole system.


These Switches can supply power to the connected PoE supported devices via CAT 5E and above twisted cables.

By integrating the data transmitting and power supply, it eliminates the effort constructing your network.

You could easily connect IP Cameras, Wireless APs or VoIP phones to these switches without looking power outlets for them.

In addition, over current protection and circuit shorting protection are also supported to ensure the power supply safety.

Appearance

	<p>P1009D-8POE</p> <p>8*10/100 Base-T ports(POE/POE+); 1*10/100 Base-T ports ; IEEE 802.3af/at-compliant; Optional external power supply:</p> <ul style="list-style-type: none">● 60W(48V/1.25A)● 96W(48V/2A)● 120W(48V/2.5A)
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Features

■ PoE function

Remote power feeding up to 100m

Supports PoE Power up to 30W for PoE port

IEEE 802.3at Power over Ethernet Plus compliant

Compatible with IEEE 802.3af Power over Ethernet

Auto-detection of PoE IEEE 802.3at/af devices from being damaged by incorrect installation

Circuit protection prevents power interference between ports

Circuit Shorting Protection Supported

■ Department / Workgroup PoE Network

Providing 4/8-port PoE in-line power interfaces, the P1000D can easily build a power centrally-controlled IP phone system, IP Camera system and Wireless AP group for the enterprise. Cameras can be installed around the corner in the company or campus for surveillance demands. Without the power-socket limitation, the P1000D makes the installation of cameras easier and more efficient.

■ Energy conservation, and low radiation

The P1000D uses an energy-saving integrated circuit design to ensure even heat dissipation. Idle ports can enter a sleep mode to further reduce power consumption. Radiation produced by the P1000D is within the standard range for electric appliances and causes no harm to the human body.

■ Easy deployment and maintenance free

Providing data transfer and High Power PoE in one unit, the P1000D is able to reduce the need of extension cables and dedicated electrical outlets on

the wall, ceiling or any unreachable place. It helps to lower the installation costs and simplify the installation effort. All RJ-45 copper interfaces of the P1000D supports 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ-45 Category 6, 5 or 5e cables. It also supports standard auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables.

Specifications

Items	P1009D-8POE
Fixed port	8*10/100 Base-T ports(POE/ POE+)
	1*10/100 Base-T ports
PoE Standards	IEEE 802.3af/at
Power Pin Assignment	1/2(+),3/6(-),(End-Span)
Power supply	Optional external power supply:60W(48V/1.25A) , 96W(48V/2A),120W(48V/2.5A)
PoE Power Output	Per Port 53V DC
Switching Capacity	≥1.8Gbps
Packet Forwarding Capacity	10M:14880pps/port
	100M:148809pps/port
	1000M:1488095pps/port
Operating environment	Operating temperature: 0℃ - 50℃
	Relative humidity: 5%–95% (non-condensing)
Dimensions	155(L)*75(W)*28(H)mm
Weight	<1.5Kg
Input Voltage	AC:110~240V/50~60Hz

Application

Items	P1009D-8POE
Standards	IEEE 802.3af,Power Over Ethernet
	IEEE 802.3at,Power Over Ethernet Plus
	IEEE 802.3,10BASE-T
	IEEE 802.3u,100 BASE-TX
	IEEE 802.3az,EEE(Energy Efficient Ethernet)
MAC Address	1K MAC addresses
	MAC address learning and aging
Auto-MDI/MDI-X	Supported
Auto-Negotiation	Supported
Transmission Media	10Base T: Cat. 3, 4, 5 UTP/STP
	100Base TX: Cat. 5, 5e UTP/STP

Order Information

Model Number	Detailed information
P1009D-8POE	9*10/100 Base-T ports(POE); 1*10/100 Base-T ports;With external power supply:, 60W/96W/120W

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