
P1000D Series

100M Unmanaged PoE Switches

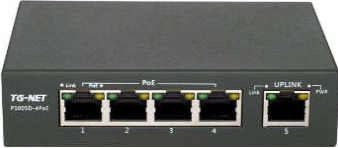

Datasheet

Shenzhen TG-NET Botone Technology Co., Ltd.

Overview

The P1000D series are Desk-top 10/100M unmanaged PoE+ Switches, Plug-&-play, no configuration.

Product Appearance

 <p>P1005D-4POE</p> <p>5*10/100 Base-T ports(4*POE)</p> <p>IEEE 802.3af/at</p> <p>1/2(+),3/6(-),(End-Span)</p> <p>Optional external power supply:</p> <ul style="list-style-type: none"> ➤ 60W (48V/1.25A) ➤ 96W (48V/2A) ➤ 120W (48V/2.5A) 	 <p>P1009D-8POE</p> <p>9*10/100 Base-T ports(8*POE)</p> <p>IEEE 802.3af/at</p> <p>1/2(+),3/6(-),(End-Span)</p> <p>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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Product Features and highlights

■ 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

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- **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.

Product Specifications

Items	P1005D-4POE	P1009D-8POE
Fixed port	5*10/100 Base-T ports(4*POE)	9*10/100 Base-T ports(8*POE)
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	≥1Gbps	≥1.8Gbps
Packet Forwarding Capacity	10M:14880pps/port 100M:148809pps/port 1000M:1488095pps/port	
Operating environment	Operating temperature: 0°C - 50°C	
	Relative humidity: 5%–95% (non-condensing)	
Dimensions	118(L)*84(W)*28(H)mm	155(L)*75(W)*28(H)mm
Weight	<1.5Kg	
Input Voltage	AC:110~240V/50~60Hz	

Service Features

Items	P1005D-4POE	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	

Ordering Information

Items	Product Description
P1005D-4POE-60W	5*10/100 Base-T ports(4*POE), With external power supply:, 60W(48V/1.25A)
P1005D-4POE-96W	5*10/100 Base-T ports(4*POE), With external power supply:, 96W(48V/2A)
P1005D-4POE-120W	5*10/100 Base-T ports(4*POE), With external power supply:, 120W(48V/2.5A)
P1009D-8POE-60W	9*10/100 Base-T ports(8*POE), With external power supply:, 60W(48V/1.25A)
P1009D-8POE-96W	9*10/100 Base-T ports(8*POE), With external power supply:, 96W(48V/2A)
P1009D-8POE-120W	9*10/100 Base-T ports(8*POE), With external power supply:, 120W(48V/2.5A)