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Products

LAN Switches

Power over Ethernet

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[Layer 2 Web Smart PoE Switch](#)
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Industrial Ethernet

Media Conversion

Passive Optical Network

Wireless LAN

IP Surveillance

IP Telephony

Broadband Communication

Home Automation

Network Security

Network Peripheral

Partner Login

User Name:

Password:



GSD-1008HP

8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Desktop Switch (120 watts)



Overview

Applications

Key Features

Specifications

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Hardware Specifications

Copper Port	10 10/100/1000BASE-T MDI/MDIX Ports
PoE Injector Port	8-port with 802.3at/af PoE injector function with Port-1 to Port-8
Switch Architecture	Store-and-Forward
Switch Fabric	20Gbps/non-blocking
Switch Throughput@64 bytes	14.88Mpps@64 bytes
MAC Address Table	8K entries, automatic source address learning and aging
Maximum Frame Size	9K bytes
Flow Control	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex

System:

- Power (**Green**)

10/100/1000BASE-T RJ45 interfaces:

- 10/100Mbps LNK/ACT (**Red**)
- 1000Mbps LNK/ACT (**Green**)

PoE interfaces:

- PoE-in-Use (**Orange**)

Selectable operation mode

LED

DIP Switch

- Standard
- VLAN
- Extend

Dimensions (W x D x H)

220 x 150 x 43 mm (1U height)

Enclosure

Metal

Weight

1260 g

Power Requirements

AC 100~240V, 50/60Hz, 2.5A max.

Power Consumption/
Dissipation

System On: Max. 5.6 watts/19.1 BTU
 Ethernet Full Loading: Max. 10.6 watts/36.1 BTU
 PoE Full Loading: Max. 139 watts/474.2 BTU

ESD Protection

Contact discharge of 4KV DC
 Air discharge of 6KV DC

Thermal Fan	1
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Power Supply Type	End-span
PoE Power Output	Per port 55V DC, 540mA. max. 30 watts
Power Pin Assignment	1/2 (+), 3/6 (-)
PoE Power Budget	120 watts
Max. Number of Class 2 PDs	8
Max. Number of Class 3 PDs	8
Max. Number of Class 4 PDs	4

Standards Conformance

Regulatory Compliance	FCC Part 15 Class A, CE IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab Gigabit 1000BASE-T
Standards Compliance	IEEE 802.3x Flow control and back pressure IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3az Energy Efficient Ethernet (EEE)

Environment

Operating	Temperature: 0 ~ 50 degrees C Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -10 ~ 70 degrees C Relative Humidity: 5 ~ 95% (non-condensing)

Ordering Information

GSD-1008HP	8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Desktop Switch (120 watts)
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