

# DIREKTRONIK

## Product Overview



20117389 is a 8-port 10/100/1000Mbps switch with 4 port PoE(Port1~4). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc. With store & forward technology and dynamic memory allocation, guarantee the bandwidth distribute each port effectively.

In the Extend operation mode, the switch operates on a per-port basis at 10Mbps duplex operation but can support 32W PoE power output over a distance of up to 200 meters overcoming the 100m limit on Ethernet UTP cable. With this brand-new feature, the switch provides an additional solution for 802.3at/af PoE distance extension, thus saving the cost of Ethernet cable installation. It is easy to manage and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

## Features

- Complies with IEEE802.3af/at Standard;
- Supports PoE Power up to 32W for each PoE port;
- Auto detect power device; will not burned non-standard PoE device or normal PoE switch;
- Supports port power supply prioritization, guarantee the continuous power supply of key nodes;
- Extend mode, Single port speed reduction and ensure transmission quality, supporting 200m transmission;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Line-speed forwarding, intelligent identification;
- Supports storage – and- forward for Data exchange;
- Iron case, no fan;
- Operating Temperature: 0° C ~ 40 ° C;
- Panel lights to monitor working state and help fault analysis;
- Power supply, PoE module and switch PCBA Three in one.

## Product Specifications

<b>Model</b>	PM3008GSN V2
<b>PoE standard</b>	IEEE802.3af/at
<b>Interface</b>	8*10/100/1000Mbps RJ45 port
<b>key function</b>	Extend(Port1-4)
<b>PoE port</b>	1-4
<b>PoE Total</b>	60W
<b>Power supply</b>	65W
<b>RJ45 PoE power supply</b>	Mode A Anode1/2 Cathode3/6
<b>PoE output-port</b>	Max 32W
<b>Indicator</b>	PWR(Green) PoE max(Green) LNK/ACT(10/100Mbps:Orange,1000Mbps:Green) PoE( Orange)
<b>Network media</b>	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-TX: UTP category 5e cable (≤100m)
<b>MAC Address Table</b>	4K, Automatic study, automatic updates
<b>jumbo frame</b>	9216 bytes
<b>Packet buffer</b>	1.5Mb
<b>Transfer Mode</b>	store-and-forward
<b>Packet forwarding rate</b>	11.9Mpps
<b>Bandwidth</b>	16Gbps
<b>Fan</b>	Fanless
<b>Device Dimension</b>	220*150*44mm
<b>Machine weight</b>	<1.5kg
<b>Input Voltage</b>	AC 100-240V 50/60Hz
<b>Operating Temperature</b>	0°C ~ 40 °C
<b>Storage Temperature</b>	-40 °C ~ 70 °C
<b>Operating Humidity</b>	10% ~ 90% non-condensing
<b>Storage Humidity</b>	5% ~ 90% non-condensing
<b>Surge Protection</b>	Common mode ±6KV,Different mode±4KV
<b>MTBF</b>	>50000 hour
<b>Electrostatic standard</b>	Contact 6KV,air 8KV

## PoE Power Usage Display

20117389 helps users to monitor current status of PoE power usage easily and efficiently by its intelligent PoE Management feature of LED indication, there are one orange LED named "max" located on left side of the front panel. When Port 1-4 output is  $\geq 85\%$ , the LED will be lighted up, when Port 1-4 output is  $\geq 100\%$ , the system will cut off the power of the lowest-priority port.

## Ordering information

Model	product information
20117389	4-Port Gigabit+4GE PoE Switch

The logo for DIREKTRONIK is displayed in a bold, italicized, red font with a white outline, set against a yellow background that curves upwards from the bottom of the page.

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