



## Product Overview

PM3006GSMC-PD V1 is a Web Smart PoE Switch product with 4 PSE and 1 PD port independently developed by UNIPOE. It has 6\*10/100/1000Mbps adaptive RJ45 ports. Each RJ45 port supports MDI/MDIX automatic rollover and wire-speed forwarding. Ports 1-4 have PSE function and support a single port with a maximum output of 30W. Port 6 has PD function and supports 95W input. The PM3006GSMC-PD V1 supports 2 power supply modes: three-in-one power supply and PoE power supply. The

PM3006GSMC-PD V1 is easy to use and can flexibly expand home and office networks without limitation of power line layout. It is easy to manage and maintain and meets the requirements of different scenarios.

## Features

- PD port supports IEEE 802.3at/af/bt standard;
- Single PSE port output power up to 30W;
- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control;
- Supports 802.1Q VLAN, Port VLAN, bandwidth control, and storm suppression;
- Automatic detection and identification standard PoE power receiving devices, intelligent power supply, does not burn non-standard PoE power receiving devices or common devices;
- Supports the PD-ALIVE function;
- Supports the ONVIF function;
- Panel indicators monitor working status and assist in fault analysis;
- Intelligent identification of wire speed forwarding;
- Data exchange adopts store-and-forward mode.

## Product Specifications

<b>Model</b>	PM3006GSMC-PD V1
<b>Interface</b>	4*10/100/1000Mbps RJ45 Ports (PSE) 1*10/100/1000Mbps RJ45 1*10/100/1000Mbps RJ45 Port (PD)
<b>Standard</b>	IEEE 802.1X, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at
<b>Network Media</b>	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) 1000BASE-T: UTP category 5e, 5 cable (≤100m)
<b>Indicator</b>	PWR (Orange), PoE (Orange), DATA (Green)
<b>MAC Address Table</b>	8K, Auto-learning, Auto-aging
<b>Jumbo Frame</b>	9216Bytes
<b>Packet Buffer</b>	4.1Mbit
<b>Transfer Mode</b>	Store-and-forward
<b>Switching Capacity</b>	12Gbps
<b>Packet Forward Speed</b>	8.93Mpps
<b>Power Supply Mode</b>	Three-in-one power supply and PoE power supply
<b>PSE Port</b>	Port1~4
<b>PSE Power on RJ45</b>	Mode A 1/2(+), 3/6(-)
<b>PSE Power Output</b>	Voltage: DC 54V, Power: 30W (MAX)
<b>PSE Total Power</b>	60W
<b>PD Standard</b>	IEEE802.3af, IEEE802.3at, IEEE802.3bt
<b>PD Port</b>	Port 6
<b>PD Input</b>	95W
<b>Dimensions(L*W*H)</b>	168*86*32mm
<b>Fan Quantity</b>	Fanless
<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>	Differential mode±2KV, Common mode±4KV
<b>MTBF</b>	>50000 hour
<b>Electrostatic Standard</b>	Contact±6KV, Air±8KV

## Software Specification

Function menu	Functional description	Added
<b>Basic</b>	Login authentication and logout	
	Bilingual (Chinese-English Switching)	
	Port panel (dual color rate differentiator)	1000m green
		100m / 10m orange yellow
<b>System configuration</b>	Equipment information	Device name
		Device contact
		Location of equipment
	IP Address Setting	Static
		DHCP Client
		Support the DNS
	Web configuration	Web Timeout Setting
	User management	The password must contain at least six letters and digits
	The firmware update	Local upgrade
	Equipment management	Equipment to restart
		Save Settings
		factory data reset
<b>Monitoring management</b>	The port statistical	
	Cable testing	
	Ring network configuration	rlpp
<b>Switch Configuration</b>	Port configuration	Status
		Speed/Duplex/Flow Control
	Port mirror	Entrance/exit /ALL
	Port isolation	
	Static MAC	
	MAC filtering	
	MAC query	
	MAC list	Categories display static/dynamic
<b>VLAN configuration</b>	Member of the VLAN	
	VLAN configuration	Access、Trunk
<b>QoS configuration</b>	Port speed limit	
	The broadcast storm	
<b>PoE configuration</b>	The basic configuration	Enable/disable power supply
		Mandatory power supply
		Power limit
	PD Alive	
<b>ONVIF</b>	ONVIF Detection	
		support

## Ordering Information

Model	Product Information
PM3006GSMC-PD V1	4GE(PoE)+1GE+1GE(PD) Web Smart PoE Switch (4-Ports PSE, Support 802.3af/at Standard, Port 6 support 802.3bt)