

6-Port Gigabit Desktop Switch with 4-Port PoE+

Model: **MS106GP**

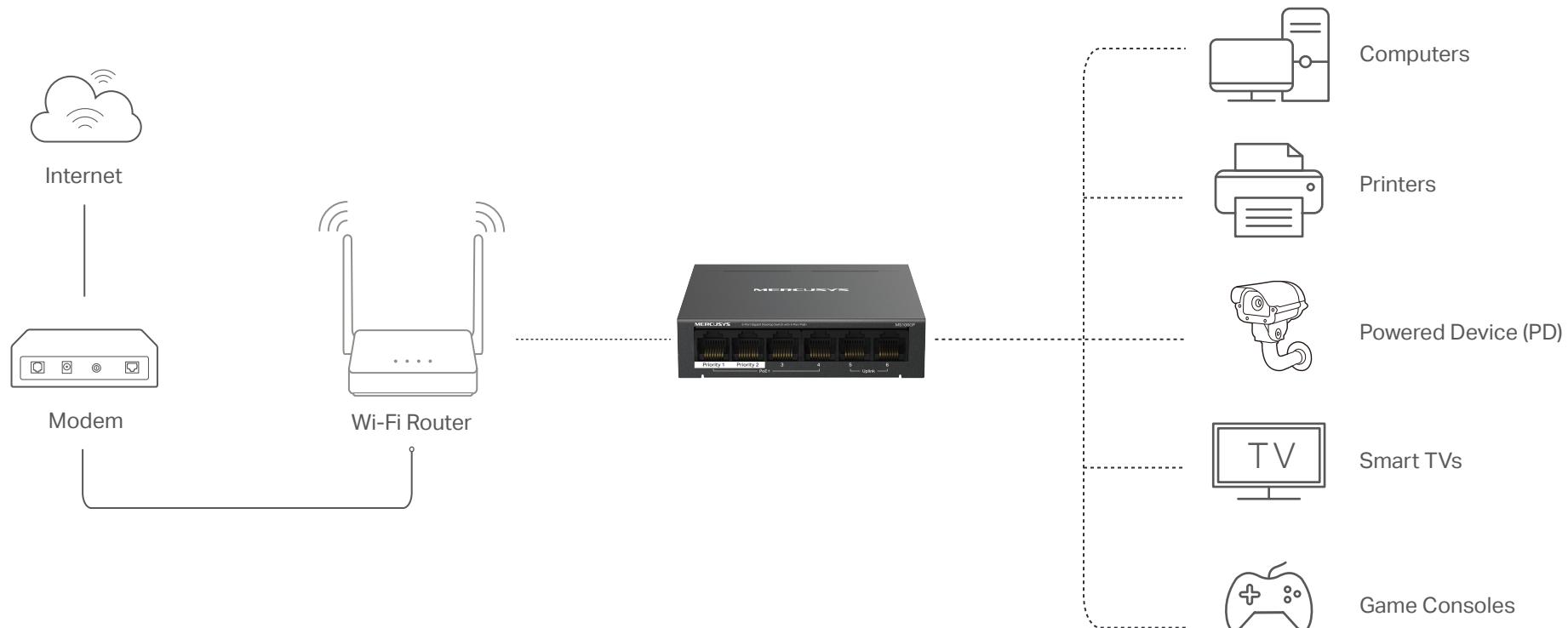
// Highlights

- 6×Gigabit RJ45 ports with 4 PoE+ ports
- Supports PoE Power up to 30 W for each PoE port and 65 W for all PoE ports*. Works with IEEE 802.3af/at compliant PDs
- MS106GP provides 2× uplink ports when turning on the isolation mode. One for connecting to the Internet and one for connecting to the NVR
- Increases PoE transmission distance to 250 m by Extend Mode**
- Automatically reboots your dropped or unresponsive PoE-powered devices
- One click to divide traffic for specific ports for stability and security
- Works with IEEE 802.3af/at compliant PDs
- Simple to use, saving time and effort
- Allows for efficient heat dissipation and long network life



// Connections

Simplified Network Deployment with Power over Ethernet.



// Specifications

Product Picture	
Model	MS106GP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	6× 10/100/1000 Mbps PoE+ RJ45 Ports
Transmission Medium	10BASE-T: 2-pair UTP/STP of Cat. 3 or above (\leq 100 m) 100BASE-TX: 2-pair UTP/STP of Cat. 5 or above (\leq 100 m) 1000BASE-T: 4-pair UTP/STP of Cat. 5e or above (\leq 100 m)
PoE	PoE Standard: compatible with 802.3af/at PDs PoE Port 1–4, up to 30 W per port PoE Power Budget 65 W*
Auto-Negotiation	YES
Auto MDI/MDIX	YES
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
Max Power Consumption	69.64 W (110V/60 Hz @ 25 °C, with 65 W PD connected) 69.54 W (220V/50 Hz @ 25 °C, with 65 W PD connected)
Standby Power Consumption	0.94 W (110V/60 Hz @ 25 °C) 0.94 W (220V/50 Hz @ 25 °C)
Max Heat Dissipation	237.47 BTU/hr (110V/60 Hz @ 25 °C, with 65 W PD connected) 237.13 BTU/hr (220V/50 Hz @ 25 °C, with 65 W PD connected)
Forwarding Mode	Store and Forward
Switching Capacity	12 Gbps
MAC Address Table	2K, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Flow Control	YES
Fan Quantity	0
LED	Power, Link/Act, PoE Status
Dimensions	3.9 × 3.9 × 1.0 in (99.8 × 98 × 25mm)
Certification	CE, RoHS
Environment	Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F) Storage Temperature: -40 °C to 70 °C (-40 °F to 158 °F) Operating Humidity: 10% to 90% RH, non-condensing Storage Humidity: 5% to 90% RH, non-condensing

// Package Contents

- 6-Port Gigabit Desktop Switch with 4-Port PoE+ (MS106GP)
- Power Adapter
- Installation Guide

*PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

**The speed of the ports which are under extend mode will be downgraded to 10 Mbps. Actual transmission distance may vary from the quality of the cables.

For more information, please visit www.mercusys.com