

# 10-Port Gigabit Desktop Switch with 8-Port PoE+

## Model: MS110GMP

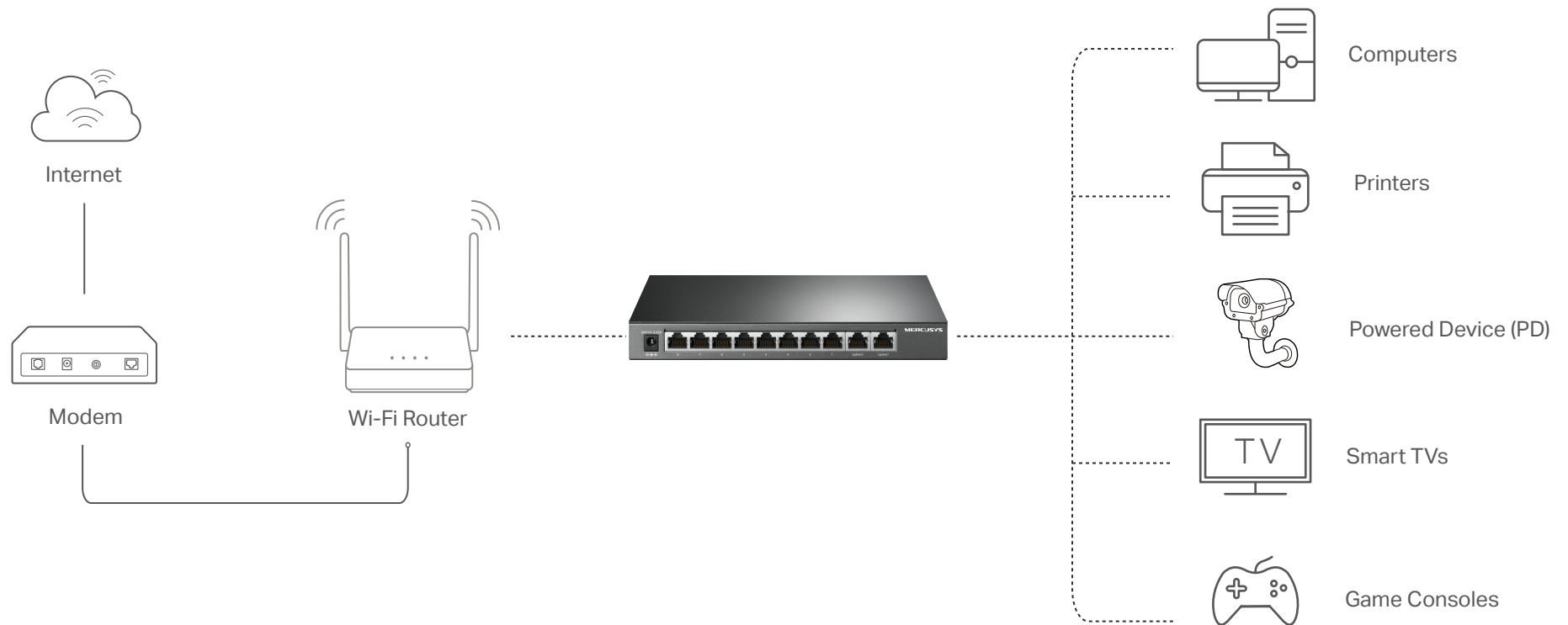
### // Highlights

- 8× Gigabit PoE+ ports, and 2× Gigabit Uplink Ports
- 8× PoE+ ports transfer data and power via a single cable with a total power budget of 111 W\*
- Compliance with IEEE 802.3af/at PoE+, the switch supports PoE Power up to 30 W for each PoE port
- Up to 250 m data and power transmission range under Extend Mode\*\*
- Priority Mode ensures high priority of ports 1–2 to guarantee the quality of the sensitive applications
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Automatically reboots your dropped or unresponsive PoE-powered devices with PoE Auto Recovery
- Plug and play with no configuration required
- Fanless design reduces power consumption and works silently in its location




## // Connections

Simplified Network Deployment with Power over Ethernet.



Specifications

Product Picture	
Model	MS110GMP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	10 1000 Mbps RJ45 Ports Auto-Negotiation/Auto MDI/MDIX
Ethernet Cable (Twisted Pair)	10BASE-T: 2-pair UTP/STP of Cat. 3,4,5 (≤100 m) 100BASE-TX: 2-pair UTP/STP of Cat. 5e or above (≤100 m) 1000BASE-T: 4-pair UTP/STP of Cat. 5e or above (≤100m)
PoE	PoE Standard: compatible with 802.3af/at PDs PoE Port 1–8, up to 30 W per port PoE Power Budget 111 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	2.86 W (220V/50 Hz @25 °C, no PD connected) 129.4 W (220V/50 Hz @25 °C, with 111W PD connected)
Max Heat Dissipation	9.75 BTU/h (220V/50 Hz @25 °C, no PD connected) 441.25 BTU/h (220V/50 Hz @25 °C, with 111W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	20 Gbps
MAC Address Table	4K, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Priority Mode	YES
Flow Conrol	YES
Fanless	YES
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions	209*126*26mm (8.2*4.9*1.0 in)
Certification	CE, RoHS
Environment	Operating Temperature: -10 °C to 40 °C (14 °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

- 10-Port Gigabit Desktop Switch with 8-Port PoE+ (MS110GMP)
- Power Adapter
- Rubber Feet
- Quick 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 in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to power consumption of PoE-powered devices or the cable quality and type.  
For more information, please visit [www.mercusys.com](http://www.mercusys.com)