12-Port Gigabit Desktop Switch with 8-Port PoE+
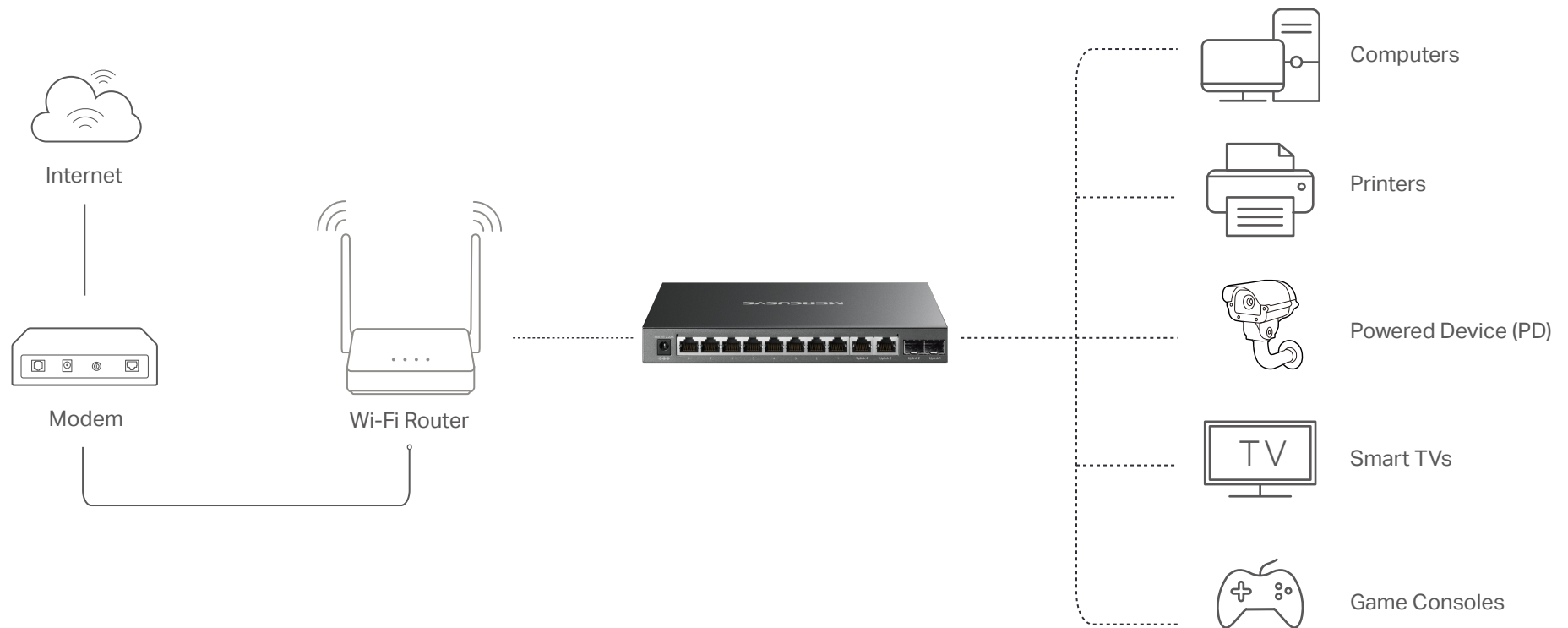## Model: MS112GMP

// Highlights

- 8× gigabit PoE+ ports, and 4× gigabit uplink ports

- 8× PoE+ ports transfer data and power via a single cable with a total power budget of 110 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 ports ensure 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

The MS112GMP is a 12-port gigabit desktop switch with 8-port PoE+, ideal for small and medium business IPC surveillance with 110 W PoE budget. The plug-and-play design makes it easy for deployment without the need for a technician.

// Specifications

Product Picture	
Model	MS112GMP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at
Interface	8× 10/100/1000 Mbps PoE+ RJ45 Ports 2× 10/100/1000 Mbps RJ45 Ports 2× Gigabit SFP Slots
Transmission Medium	10BASE-T: 2-pair UTP/STP of Cat. 3 or above (≤100 m) 100BASE-TX: 2-pair UTP/STP of Cat. 5 or above (≤100 m) 1000BASE-T: 4-pair UTP/STP of Cat. 5e or above (≤100 m) 1000BASE-SX/LX: MMF, SMF
PoE	PoE Standard: compatible with 802.3af/at PDs PoE Port 1–8, up to 30 W per port PoE Power Budget 110 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	124.08 W (110V/60 Hz @ 25 °C, with 110 W PD connected) 124.32 W (220V/50 Hz @ 25 °C, with 110 W PD connected)
Standby Power Consumption	3.85 W (110V/60 Hz @ 25 °C) 3.85 W (220V/50 Hz @ 25 °C)
Max Heat Dissipation	423.11 BTU/hr (110V/60 Hz @ 25 °C, with 110 W PD connected) 423.93 BTU/hr (220V/50 Hz @ 25 °C, with 110 W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	24 Gbps
MAC Address Table	8K, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Flow Control	YES
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions	8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
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

- 12-Port Gigabit Desktop Switch with 8-Port PoE+ (MS112GMP)
- 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 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