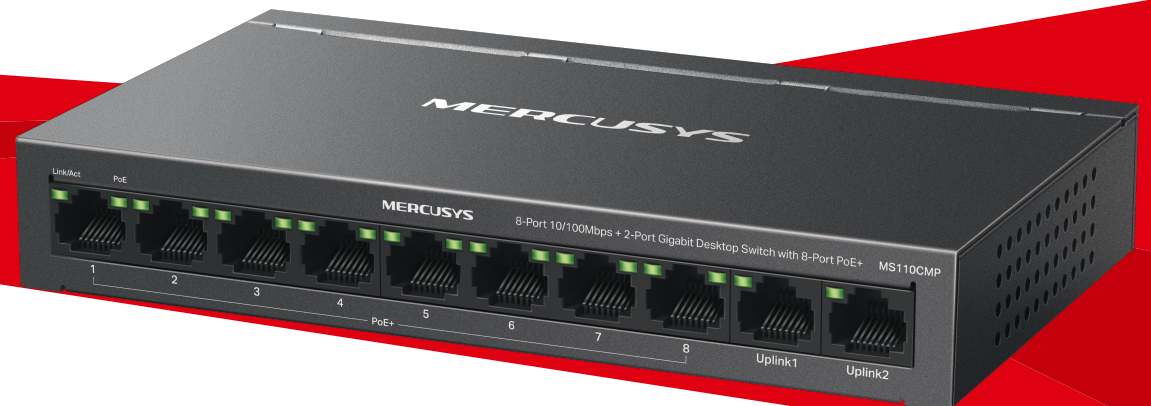# 8-Port 10/100Mbps + 2-Port Gigabit Desktop Switch with 8-Port PoE+
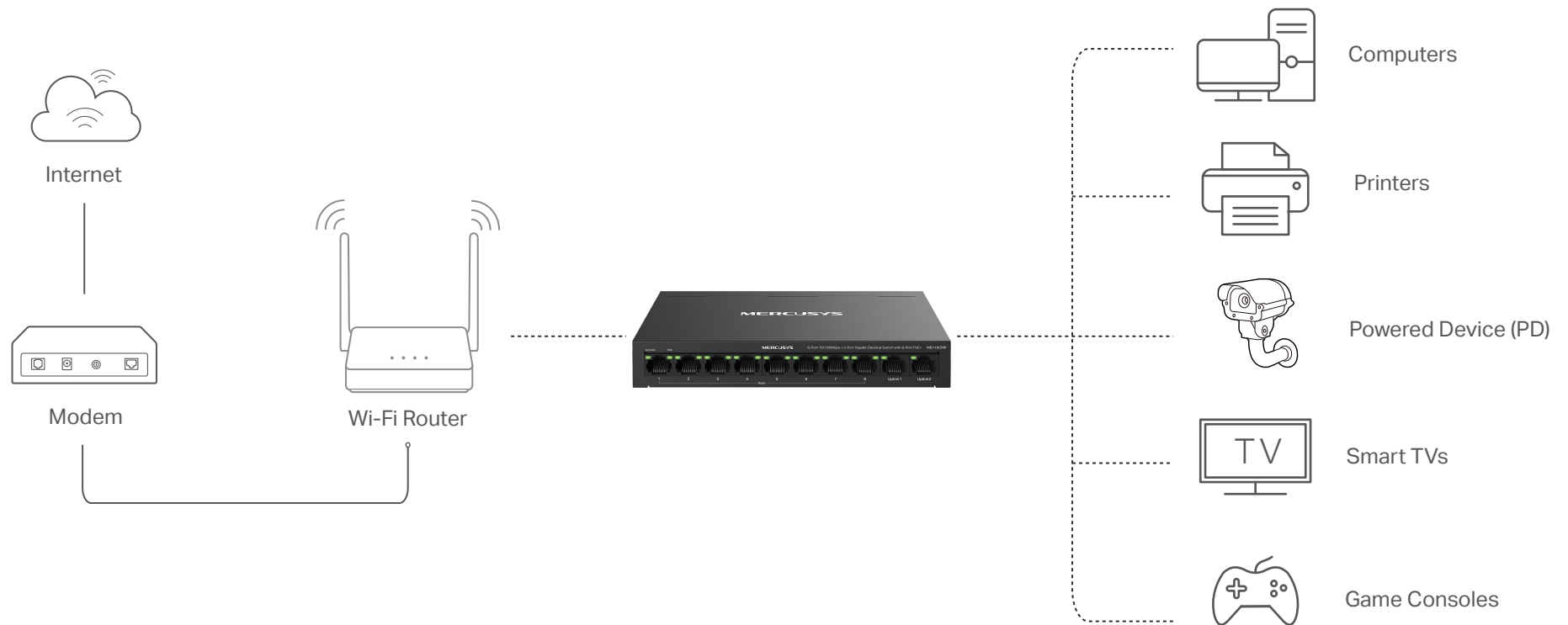## Model: MS110CMP

// Highlights

- 8× 10/100 Mbps PoE+ Ports + 2× Gigabit non-PoE Ports
- With 8 PoE+ ports, transfers data and power on one single cable
- Support PoE Power up to 30 W for each PoE port and 115 W for all PoE ports*
- MS110CMP 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**
- One click to divide traffic for specific ports for stability and security
- Works with IEEE 802.3af/at compliant PDs
- Simple to use and saves time and effort
- Automatically reboots your dropped or unresponsive PoE-powered devices
- Allows for efficient heat dissipation and long network life

// Connections

Simplified Network Deployment with Power over Ethernet.

Internet

Modem

Wi-Fi Router

Computers

Printers

Powered Device (PD)

Smart TVs

Game Consoles

// Specifications

Product Picture	
Model	MS110CMP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	8 10/100 Mbps RJ45 Ports Auto-Negotiation/Auto MDI/MDIX 2 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 115 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	1.75 W (220V/50 Hz @25 °C, no PD connected) 130.49 W (220V/50 Hz @25 °C, with 115W PD connected)
Max Heat Dissipation	5.97 BTU/h (220V/50 Hz @25 °C, no PD connected) 444.97 BTU/h (220V/50 Hz @25 °C, with 115W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	5.6 Gbps
MAC Address Table	2k, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Flow Conrol	YES
Fanless	YES
LED	Power, Link/Act, PoE Status
Dimensions	171*98*27mm (6.7*3.9*1.1 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

- 8-Port 10/100Mbps + 2-Port Gigabit Desktop Switch with 8-Port PoE+ (MS110CMP)
- 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