

# 5-Port Gigabit Desktop Switch with 4-Port PoE+

## Model: MS105GP

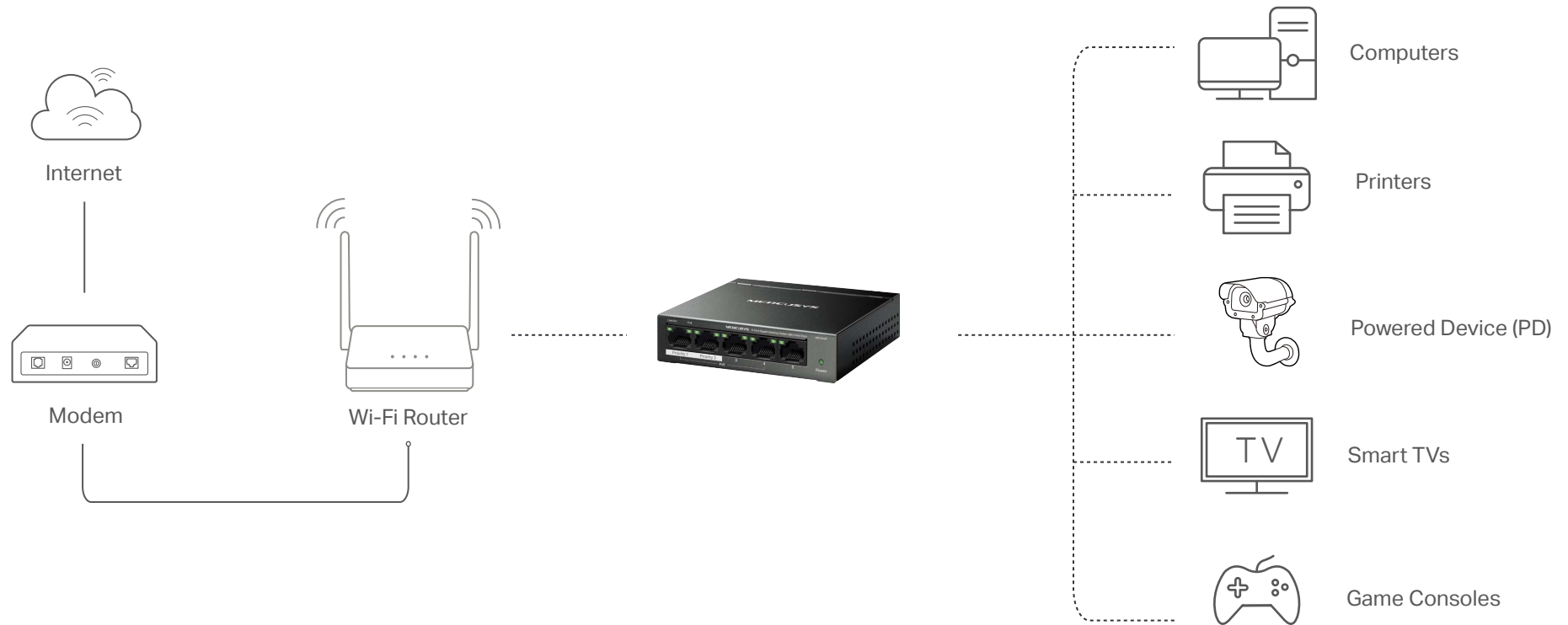
### // Highlights

- 5× 10/100/1000 Mbps RJ45 ports
- With four PoE+ ports, transfers data and power on one single cable
- Support PoE Power up to 30 W for each PoE port and 65 W for all PoE ports\*
- 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
- Allows for efficient heat dissipation and long network life
- Simple to use and saves time and effort



## // Connections

Network deployment made simple with Power over Ethernet.



## // Specifications

Model	MS105GP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Interface	5× 10/100/1000 Mbps RJ45 ports
Network Media (Cable)	10BASE-T:2-pair UTP/STP (≤100m) of Cat. 3 or above 100BASE-TX:2-pair UTP/STP (≤100m) of Cat. 5 or above 1000BASE-T:4-pair UTP/STP (≤100m) of Cat. 5e or above
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
Advanced Feature	IGMP Snooping Port Prioritization
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
Max Power Consumption	3.65W (220/50 Hz, no PD connected) 77.26W (110/60 Hz, with 65W PD connected)
Max Heat Dissipation	10.64 BTU/h (no PD connected) 255.51 BTU/h (with 65 W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	10 Gbps
MAC Address Table	2k, Auto-learning, Auto-aging
Extend Mode	YES
Isolation Mode	YES
Flow Control	YES
Fanless	YES
LED	Power, Link/Act, PoE Status
Dimensions	99.8*98*25mm (3.9*3.9*1.0 in)
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

- 5-Port Gigabit Desktop Switch with 4-Port PoE+ (MS105GP)
- 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.  
 For more information, please visit [www.mercusys.com](http://www.mercusys.com)