

# 8-Port Gigabit Desktop Switch with 7-Port PoE+

## Model: MS108GP

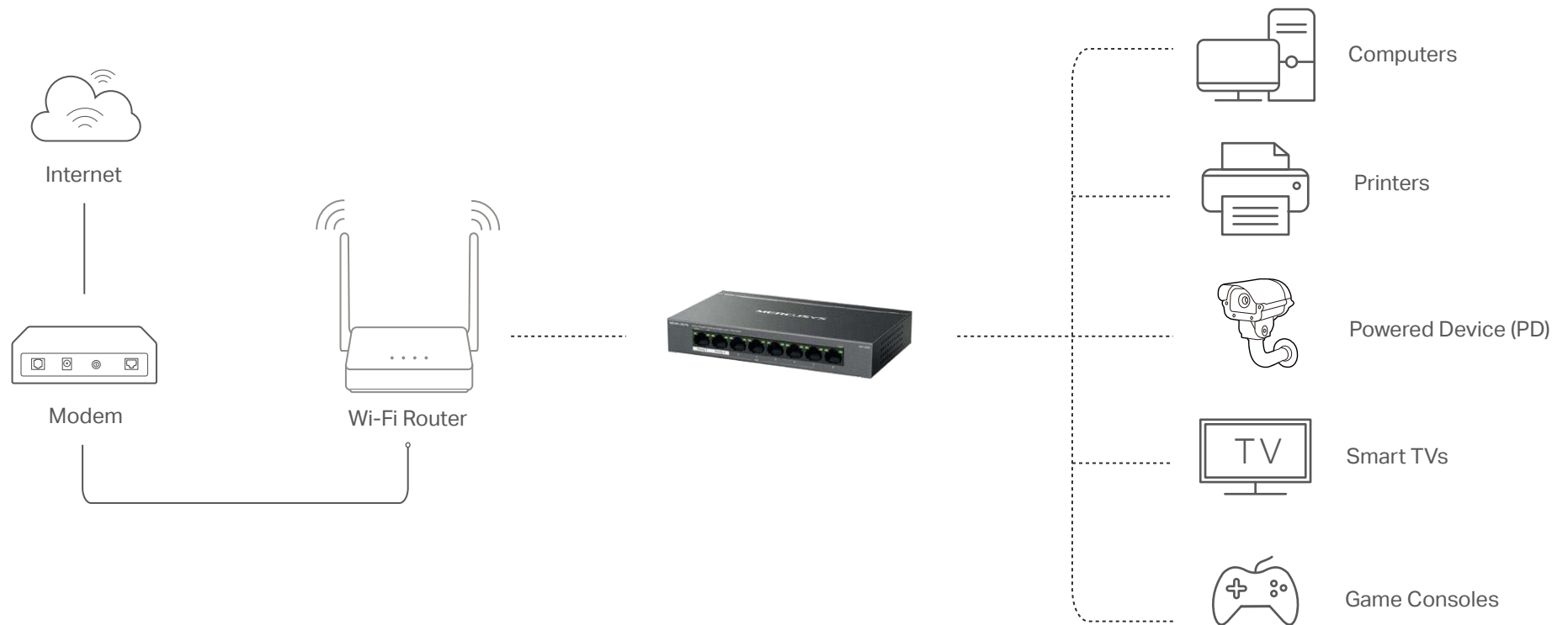
### // Highlights

- 8× 10/100/1000 Mbps RJ45 ports
- With 7 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

|                       |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Picture       |                                                                                                                                |
| Model                 | MS108GP                                                                                                                                                                                                          |
| Standards             | IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x                                                                                                                                                              |
| Interface             | 8× 10/100/1000 Mbps RJ45 ports                                                                                                                                                                                   |
| Network Media (Cable) | 10BASE-T:2-pair UTP/STP (≤100m) of Cat. 3 or above<br>100BASE-TX:2-pair UTP/STP (≤100m) of Cat. 5 or above<br>1000BASE-T:4-pair UTP/STP (≤100m) of Cat. 5e or above                                              |
| PoE                   | PoE Standard: compatible with 802.3af/at PDs<br>PoE Port 1–7, up to 30 W per port<br>PoE Power Budget 65 W*                                                                                                      |
| Auto-Negotiation      | YES                                                                                                                                                                                                              |
| Auto MDI/MDIX         | YES                                                                                                                                                                                                              |
| PoE Power on RJ45     | Power+: pin 3 & pin 6<br>Power -: pin 1 & pin 2                                                                                                                                                                  |
| Max Power Consumption | 5.07W (22/50 Hz, no PD connected)<br>77.33W (220/50 Hz, with 65W PD connected)                                                                                                                                   |
| Max Heat Dissipation  | 17.238 BTU/h (no PD connected)<br>262.922 BTU/h (with 65 W PD connected)                                                                                                                                         |
| Forwarding Mode       | Store and Forward                                                                                                                                                                                                |
| Switch Capacity       | 16 Gbps                                                                                                                                                                                                          |
| MAC Address Table     | 8k, Auto-learning, Auto-aging                                                                                                                                                                                    |
| Extend Mode           | YES                                                                                                                                                                                                              |
| Isolation Mode        | YES                                                                                                                                                                                                              |
| Flow Control          | 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: 0°C to 40°C (32°F to 104°F)<br>Storage Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Humidity: 10% to 90% RH, non-condensing<br>Storage Humidity: 5% to 95% RH, non-condensing |

## // Package Contents

- 8-Port Gigabit Desktop Switch with 7-Port PoE+ (MS108GP)
- 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)