

# 5-Port 2.5G Multi-Gigabit Desktop Switch

Model: MS105GS-M2

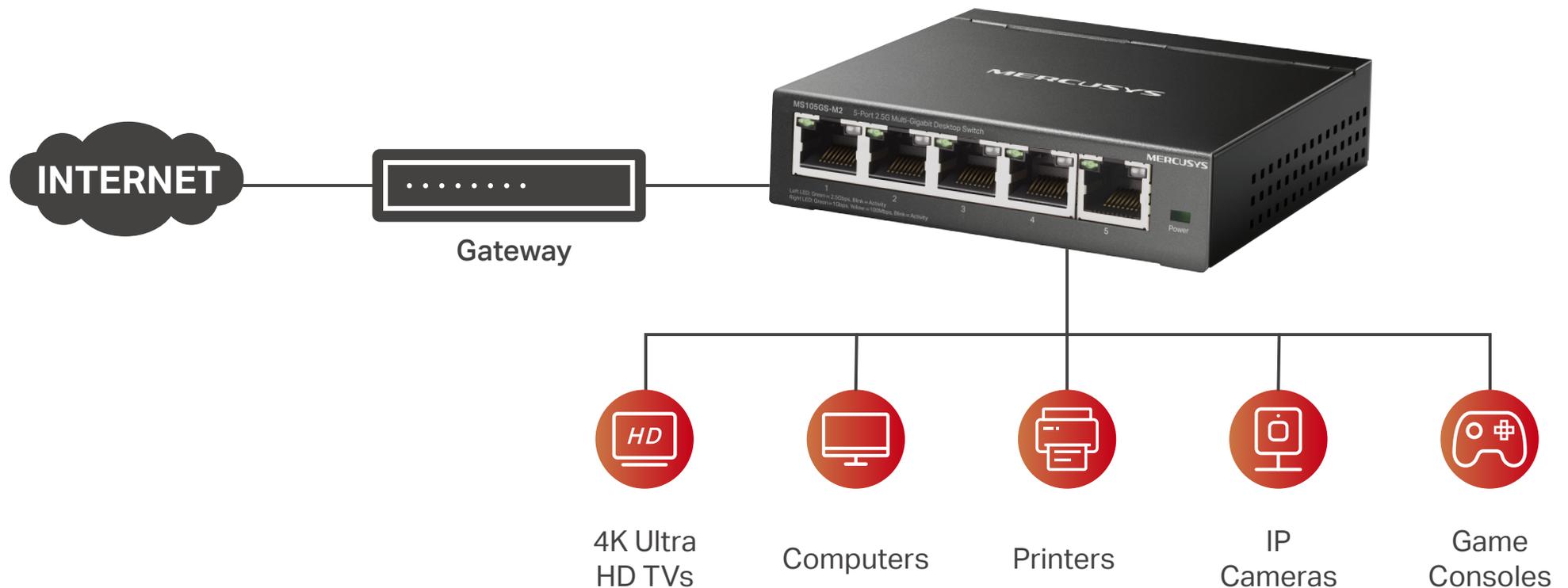
## // Highlights

- 5× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, providing up to 25 Gbps of switching capacity.
- Provides super-fast connections to 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 7/6E/6 AP, 4K video, and more.
- Loop Prevention ensures a stable and reliable network by automatically detecting and blocking network loops.
- Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.\*
- Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations.
- Industry-leading fanless design ensures silent operation, ideal for noise-sensitive environments.
- Durable metal casing and desktop/wall-mounting design are well-suited for different environments.
- Easy installation, no configuration required.



## // Connections

The MS105GS-M2 is fully compatible with computers, printers, IP cameras, smart TVs, game consoles and more. Instantly turn your home, small office, and even dormitory into a connected environment.



## // Specifications

Product Picture	
Model	MS105GS-M2
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3bz, IEEE802.3x, IEEE802.1p
Interface	5 100 Mbps/1 Gbps/2.5 Gbps Auto-Negotiation RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Ethernet Cable (Twisted Pair)	100Base-TX: UTP category 5 cable or above (max. 100 m) 1000Base-T: UTP category 5e cable or above (max. 100 m) 2.5GBase-T: UTP category 5e cable or above (max. 100 m)
Max Power Consumption	5.81 W
Max Heat Dissipation	19.75 BTU/h
Auto-Negotiation	YES
Auto MDI/MDIX	YES
Forwarding Mode	Store and Forward
Switch Capacity	25 Gbps
MAC Address Table	4K, Auto-learning, Auto-aging
Packet Forwarding Rate	18.6 Mpps
Packet Buffer Capacity	8 Mbit
Jumbo Frame	12 KB
Advanced Features	<ul style="list-style-type: none"> <li>• Loop Prevention</li> <li>• 802.3X Flow Control</li> <li>• 802.1p/DSCP QoS</li> <li>• IGMP Snooping</li> </ul>
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Output: 9 VDC / 0.6 A)
LED	Power, Link/Act
Dimensions	3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)
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 2.5G Multi-Gigabit Desktop Switch (MS105GS-M2)
- Power Adapter
- Rubber Feet
- Quick Installation Guide

\*Only Cat5e or better cables do not need to be replaced.  
 For more information, please visit [www.mercusys.com](http://www.mercusys.com)