28-Port Gigabit Rackmount Switch with 24-Port PoE+

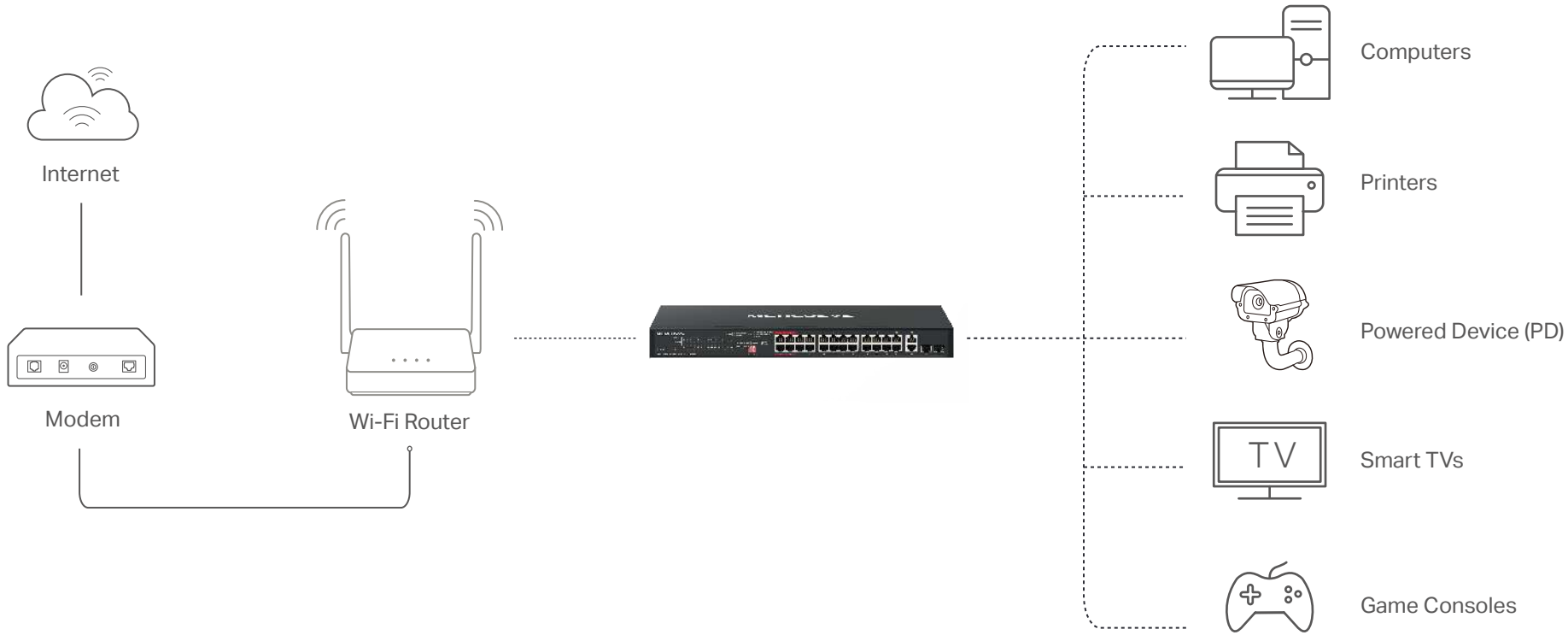
Model: MS128GP

Highlights

- 24× Gigabit PoE+ RJ45 ports, 2× Gigabit non-PoE RJ45 ports, and 2× Gigabit SFP slots.
- High PoE power budget with up to 30 W for each PoE port and 295 W* for all PoE ports.
- Working with IEEE 802.3af/at compliant PDs.
- Up to 250 m data and power transmitting range under Extend Mode.**
- High-priority transmission for ports 1–4 to guarantees the quality of sensitive applications like video monitor.
- Isolation Mode allows fast client traffic separation for higher security and performance.
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices.
- Plug and Play. No configuration or central management required.

Connections

The MS128GP is a 28-port gigabit rackmount switch with 24-port PoE+, ideal for small and medium business IPC surveillance with 295 W PoE budget. The plug-and-play design makes it easy for deployment without the need for a technician.



Specifications

Product Picture	
Model	MS128GP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at
Interface	24× 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-X: MMF, SMF
PoE	PoE Standard: compatible with 802.3af/at PDs PoE Port 1–24, up to 30 W per port PoE Power Budget 295 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	350.14 W (110V/60 Hz @ 25 °C, with 295 W PD connected) 336.58 W (220V/50 Hz @ 25 °C, with 295 W PD connected)
Max Heat Dissipation	1193.98 BTU/hr (110V/60 Hz @ 25 °C, with 295 W PD connected) 1147.74 BTU/hr (220V/50 Hz @ 25 °C, with 295 W PD connected)
Standby Power Consumption	3.74 W (110V/60 Hz @ 25 °C) 4.01 W (220V/50 Hz @ 25 °C)
Forwarding Mode	Store and Forward
Switch Capacity	56 Gbps
MAC Address Table	8K, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Flow Control	YES
Fan Quantity	2
Noise	46.5 dBA max @ 50cm 25 °C 29.5 dBA min @ 50cm 25 °C
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions	440*180*44 mm (17.3*7.1*1.7 in)
Certification	CE, RoHS
Environment	Operating Temperature: -10 °C to 45 °C (14 °F to 113 °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

- 28-Port Gigabit Rackmount Switch with 24-Port PoE+ (MS128GP)
- Power Cord
- Installation Guide
- Mounting Brackets and Fittings

*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 which are under extend mode will be downgraded to 10 Mbps. Actual transmission distance may vary from the quality of the cables.

For more information, please visit www.mercusys.com

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