

16-Port 10/100Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+

Model: MS118CP

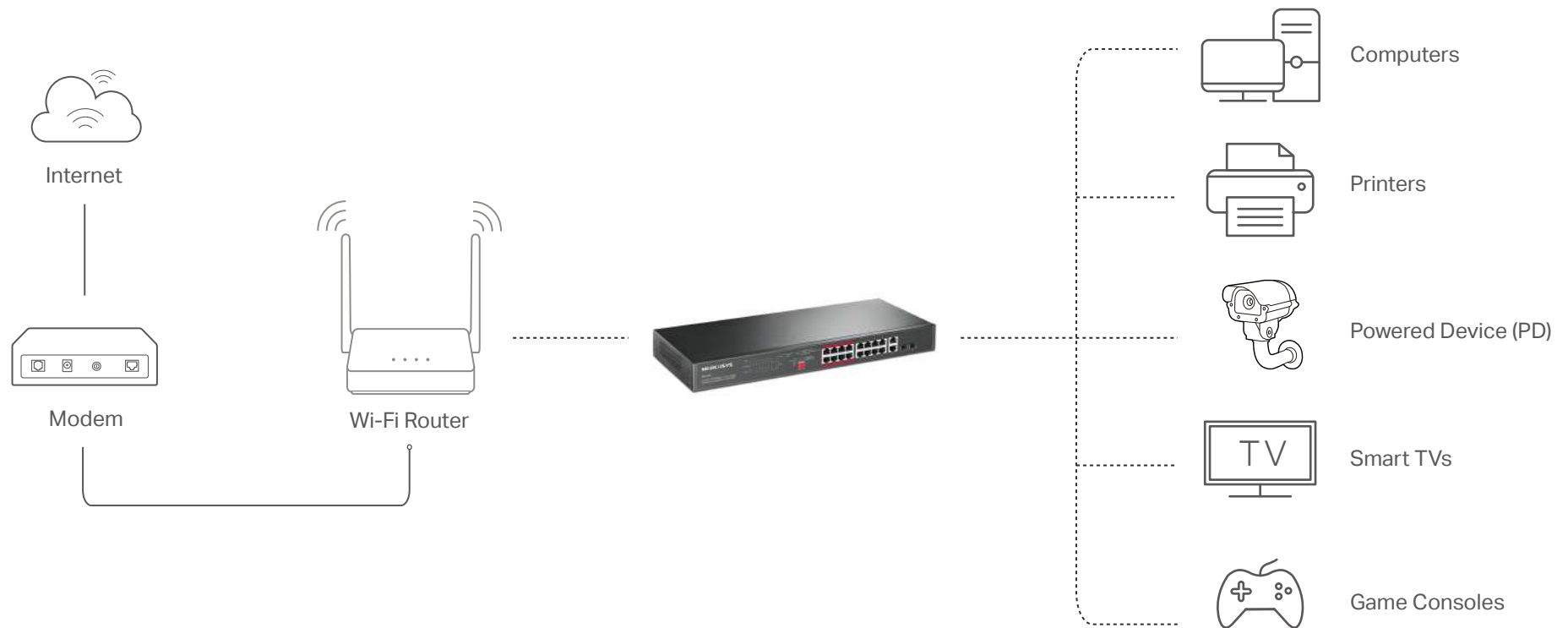
// Highlights

- 16× PoE+ 10/100 Mbps RJ45 ports, 2× Gigabit RJ45 ports, and 2× combo Gigabit SFP slots.
- High PoE power budget with up to 30 W for each PoE port and 190 W for all PoE ports.*
- Up to 250 m data and power transmission under extend mode specially designed for surveillance system.**
- Priority mode for ports 1–8 to guarantees the quality of sensitive applications like video monitor.
- Isolation Mode allows one-click 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.
- Easy to use, with no configuration and installation needed.



// Connections

The MS118CP is a 16-Port 10/100Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+, ideal for small and medium business IP surveillance with a 190 W PoE budget. The plug-and-play design makes it easy for deployment without the need for a technician.



// Specifications

Product Picture	
Model	MS118CP
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at
Interface	16 PoE+ 10/100 Mbps RJ45 Ports 2× 10/100/1000 Mbps RJ45 Ports 2× Combo Gigabit SFP Slots
Transmission Medium	10BASE-T: 2-pair UTP/STP of Cat. 3,4,5 (≤100 m) 100BASE-TX: 4-pair UTP/STP of Cat. 5e or above (≤100 m) 1000BASE-T: 4-pair UTP/STP of Cat. 5e or above (≤100 m) 1000BASE-SX/LX10/BX10: MMF, SMF
PoE	PoE Standard: compatible with 802.3af/at PDs PoE Port 1–16, up to 30 W per port PoE Power Budget 190 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	10.31 W (220V/50 Hz @ 25 °C, no PD connected) 218.91 W (220V/50 Hz @ 25 °C, with 190 W PD connected)
Max Heat Dissipation	35.157 BTU/h (220V/50 Hz @ 25 °C, no PD connected) 746.483 BTU/h (220V/50 Hz @ 25 °C, with 190 W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	7.2 Gbps
MAC Address Table	8K, Auto-learning, Auto-aging
Auto Recovery	YES
Extend Mode	YES
Isolation Mode	YES
Priority Mode	YES
Flow Conrol	YES
Fanless	YES
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: -5 °C to 50 °C (23 °F to 122 °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 95% RH, non-condensing

// Package Contents

- 16-Port 10/100Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+ (MS118CP)
- Power Cable
- 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