

MS128GP

Mercusys 28 Port Gigabit Rackmount Switch With 24 Port PoE Plus

Product Overview

Mercusys Gigabit Rackmount Switch - 24 x Gigabit PoE+ Ports, 2 x Gigabit Uplink Ports, And 2 x Gigabit SFP Slots, Support PoE Power Up to 30W Per Port, 295W For All PoE Ports, Up to 250 Metres Transmission Distance, Isolation Mode, Priority Mode, PoE Auto Recovery, Plug and Play, Retail Box, 6 Months Warranty.



Specifications

About this product

Buy the Mercusys MS128GP Gigabit Rackmount Switch for reliable high-speed network performance with advanced PoE+ support for business and professional installations. Featuring 24 x Gigabit PoE+ ports, dual uplink ports, and SFP slots, this switch delivers stable data transmission and power over Ethernet up to 30W per port, making it ideal for IP cameras, access points, and VoIP systems. Shop now for efficient plug and play networking built for scalability and performance.

Overview Summary

Mercusys MS128GP Gigabit Rackmount Switch is a high-capacity 24-port PoE+ networking solution designed for reliable power and data distribution across enterprise and SMB environments. It provides seamless connectivity for multiple devices while maintaining stable gigabit speeds and efficient network traffic management.

This switch includes 24 x Gigabit PoE+ ports, 2 x Gigabit uplink ports, and 2 x SFP slots, enabling flexible expansion and

long-distance fiber connectivity. With PoE power delivery up to 30W per port and a total budget of 295W, it supports demanding devices such as IP surveillance systems, wireless access points, and VoIP phones.

Advanced features such as isolation mode, priority mode, and PoE auto recovery enhance network stability and security, ensuring uninterrupted operation. Its plug and play design allows for quick installation without complex configuration, making it ideal for professional deployments.

Performance tier:Enterprise SMB Network Infrastructure

Uses:IP surveillance systems, wireless access points, VoIP telephony, office networking, enterprise data distribution

Overview

Mercusys MS128GP 24-Port Gigabit PoE+ Switch Powers up to 24 IEEE 802.3af/at PDs with a 295W budget (30W per port), 56Gbps switching capacity, and Gigabit speeds via 24 PoE+ RJ45 ports, 2 uplink RJ45, plus 2 SFP slots for flexible deployments. Advanced features include Extend Mode (up to 250m PoE/data), Priority/Isolation modes, PoE Auto Recovery, 8K MAC table, and store-and-forward with IEEE802.3x flow control-ideal for IP cameras, VoIP, or WiFi APs. Rugged 1U rackmount design (440x180x44mm) with 2 fans, physical lock, dual-voltage power (max 350W), and certifications (CE, RoHS); operates reliably from -10degreesC to 45degreesC.

Description

The Mercusys MS128GP Gigabit Rackmount Switch is engineered for professional network environments requiring stable power delivery and high-speed data transfer. Designed with 24 PoE+ ports, it efficiently powers connected devices such as IP cameras and wireless access points while maintaining consistent gigabit performance across the network. Built for scalability, the switch includes 2 x Gigabit uplink ports and 2 x SFP slots, enabling seamless long-distance fiber connections and network expansion. Its robust architecture supports heavy traffic loads, making it suitable for growing business networks and surveillance infrastructures. With intelligent PoE management features like isolation mode, priority mode, and auto recovery, the switch ensures network stability and reduces downtime. Its plug and play setup simplifies installation, allowing quick deployment in server rooms, offices, and security systems.

Features

The Mercusys MS128GP delivers powerful and efficient networking capabilities designed for professional use.

- 24 x Gigabit PoE+ ports for high-speed data and power delivery
- 2 x Gigabit uplink ports for stable network backbone connections
- 2 x SFP slots for long-distance fiber connectivity
- Up to 30W per PoE port for powering IP devices
- Total PoE power budget of 295W for multiple devices
- Isolation mode for improved network security and traffic separation
- Priority mode to ensure critical device performance
- PoE auto recovery for uninterrupted device operation
- Plug and play installation with no configuration required
- Rackmount design suitable for professional environments

24 PoE+ Ports (295 W Budget) for Network Deployment

Compliant with the 802.3af/at Powered Devices, each of the 24 PoE+ ports supports a maximum power supply of 30 W. The total 295 W PoE power budget* can be applied in various scenarios, including surveillance, offices, and small businesses, since MS128GP is fully compatible with devices such as IP cameras, access points, IP phones, PCs, video recorders, and etc.

No Fuss

No need for electricians; simplify installation and deployment.

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Product Specification Sheet

Cost-Efficiency

Getting rid of extra cables and power adapters will save money on infrastructure.

Flexibility

Deployment in complex situations is made possible by more placement possibilities.

Power Management

Improves power usage while intelligently protecting your gadgets from power surges.

IEEE 802.3af/at

PoE ports compliant with the 802.3af/at Powered Devices.

Long-Range up to 250 m with Extend Mode**

Extend Mode** increases PoE transmission distance to 250 m. MS128GP has four long-range ports with PoE+. Turn on the Extend Mode and make it ideal for installing surveillance cameras over wide areas.

Traffic Separation

Isolation Mode easily divides traffic for ports 1-12 & 13-24 to avoid snooping/tampering and isolates broadcast storm for higher security.

Port Prioritization

Prioritizing the data of specific ports would ensure the high quality of delicate applications, such as voice and video.

PoE Auto Recovery

When a PoE-powered device stops sending data packets to the switch for an extended length of time, the switch will reboot it automatically.

Plug and Play

MS128GP offers auto-negotiation and automated MDI/MDIX. There is no additional configuration needed. It is simple to use and saves time and effort.

Durable and Flexible

MS128GP's durable metal case allows for efficient heat dissipation, excellent signal interference prevention, reliable equipment stability, and a long network life. And you can put the switch on desk or rack mount to meet your demand.

What's in the Box

- 1 x Mercusys MS128GP Gigabit Rackmount Switch
- 1 x Power cable
- 1 x Rackmount kit
- 1 x Installation guide
- 1 x Warranty documentation

Specifications

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Specifications

Product Code
MS128GP

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Product Specification Sheet

Software	
Transfer Method	Store and Forward
Advanced Features	Compatible With IEEE 802.3at/af Compliant PDs
	Extend Mode (Up to 250m PoE power supply and data transmission)
	Priority Mode (Ports 1-4)
	Isolation Mode (Ports 1-12, 13-24)
	PoE Auto Recovery (Ports 1-24)
	MAC Address Auto-Learning And Auto-Aging
	IEEE802.3x Flow Control
Hardware	
Dimensions (W X D X H)	17.3 x 7.1 x 1.7 in (440 x 180 x 44 mm)
PoE Ports	Standard: compatible with 802.3af/at PDs
	PoE Ports: Ports 1-24, up to 30 W per port
	PoE Power Budget: 295 W
Interfaces	24x 10/100/1000 Mbps PoE+ RJ45 Ports
	2x 10/100/1000 Mbps RJ45 Ports
	2x 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
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at
Fan Quantity	2 Fans
Physical Security Lock	Yes
Switching Capacity	56 Gbps
LED	Power
	Link/Act
	PoE Status
	PoE Max
Mac Address Table	8 K
Max Power Consumption	350.14 W (110V/60 Hz @ 25 degreesC, with 295 W PD connected)
	336.58 W (220V/50 Hz @ 25 degreesC, with 295 W PD connected)
Max Heat Dissipation	1193.98 BTU/hr (110V/60 Hz @ 25 degreesC, with 295 W PD connected)
	1147.74 BTU/hr (220V/50 Hz @ 25 degreesC, with 295 W PD connected)
Others	
Certifications	CE, RoHS

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Product Specification Sheet

Package Contents	MS128GP
	Power Cord
	Installation Guide
	Mounting Brackets and Fittings
Environment	Operating Temperature: -10degreesC to 45degreesC (14degreesF to 113degreesF)
	Storage Temperature: -40degreesC to 70degreesC (-40degreesF to 158degreesF)
	Operating Humidity: 10% to 90% RH, non-condensing
	Storage Humidity: 5% to 90% RH, non-condensing

FAQ

What is the Mercusys MS128GP used for?

This switch is used to connect and power multiple network devices such as IP cameras, access points, and VoIP phones while providing stable gigabit data transmission.

Does the switch support PoE devices?

Yes, it supports PoE+ devices with up to 30W per port and a total power budget of 295W for multiple connected devices.

Is the Mercusys MS128GP easy to install?

Yes, it features a plug and play design that allows quick installation without complex configuration or software setup.

Can this switch be used for surveillance systems?

Yes, it is ideal for IP surveillance systems due to its PoE support, long transmission distance, and stable network performance.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/MS128GP-Mercusys-28-Port-Gigabit-Rackmount-Switch-With-Buy-p-336790.php>

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