ComX Computers
Product Specification Sheet

MRC-MS110GMP

Mercusys MS110GMP 10 Port Gigabit Desktop Switch with 8 Port PoE+

Product Overview

Mercusys MS110GMP 10 Port Gigabit Desktop Switch with 8 Port PoE+, 8x Gigabit PoE+ Ports, 2x Gigabit RJ45 Ports, Total Power budget of 111 W, Up to 250 m Data and Power transmission range under extend mode, Fanless Design



Specifications

Overview Summary:

The Mercusys MS110GMP is a reliable 10-port gigabit desktop switch designed to simplify network expansion while powering compatible devices through a single Ethernet cable. With eight PoE+ ports and a total power budget of 111 W, it delivers stable data and power for modern network setups in offices and small businesses.

Its fanless design ensures silent operation, while long-range PoE support up to 250 m makes it ideal for flexible installations. Easy plug-and-play setup means you can deploy quickly and keep your network running smoothly. Buy now to upgrade your network with dependable PoE performance, or shop now for a clean and efficient desktop switching solution.

Performance tier: Mid-range business

Uses:IP camera systems, office networking, VoIP phones, wireless access points, small business networks

Overview:

The Mercusys MS110GMP is a compact 10 port gigabit desktop switch designed for reliable power and data delivery across modern network setups. Built with eight PoE+ ports and two gigabit uplink ports, it simplifies connectivity for IP cameras, access points, and other PoE-enabled devices. With a strong total power budget, extended transmission support, and silent fanless operation, it suits offices, small businesses, and surveillance installations that need stable performance without complex setup.

Description:

The Mercusys MS110GMP delivers both power and high speed data through a single cable on eight PoE+ ports, reducing wiring clutter and installation time. It supports long distance transmission for flexible device placement, prioritizes critical connections for smooth operation, and automatically recovers unresponsive PoE devices. Its plug and play design and silent

operation make it a practical choice for dependable everyday networking.

Features:

Gigabit PoE+ switching for growing networks
This desktop switch combines gigabit speeds with PoE+ support to handle demanding network traffic while powering connected devices efficiently.

- Eight gigabit PoE+ ports for data and power delivery
- Two gigabit RJ45 uplink ports for network expansion
- Total PoE power budget of 111 W

Extended transmission for flexible installation
Designed for scenarios where devices are spread out, the switch supports longer cable runs without sacrificing stability.

- Data and power transmission up to 250 m in extend mode
- Suitable for IP cameras and remote access points

Smart traffic handling and device protection
Built-in modes improve performance, security, and uptime for connected equipment.

- Priority mode assigns higher importance to ports 1 and 2
- Isolation mode separates client traffic with one click
- PoE auto recovery restarts unresponsive powered devices

Silent and simple desktop design
The fanless build ensures quiet operation while keeping energy use low, making it ideal for noise sensitive environments.

- Fanless design for silent operation
- Plug and play setup with no configuration required

Ideal uses and deployment scenarios
This gigabit PoE+ switch fits well into many everyday networking needs.

- Office surveillance systems
- Small business networks
- Dormitories and shared spaces

Specifications:

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	MRC-MS110GMP
Software	
Transfer Method	Store-And-Forward

Advanced Features	Compatible With IEEE 802.3af/at Compliant PDs
	Extend Mode Button (Ports 1-4, Up to 250 m PoE power supply and data transmission)
	Priority Mode Button (Ports 1-2)
	Isolation Mode Button (Ports 1-4 / 5-8)
	PoE Auto Recovery (Ports 1-8)
	MAC Address Auto-Learning and Auto-Aging
	IEEE802.3x Flow Control For Full-Duplex Mode And Backpressure for Half-Duplex Mode
Hardware	
Dimensions (W X D X H)	8.2 x 4.9 x 1.0 in (209 x 126 x 26 mm)
PoE Ports	RJ45 Ports
	Standard: 802.3 af/at compliant
	PoE Ports: Ports 1-8
	Power Supply: 111 W
Interfaces	8 x 10/100/1000 Mbps PoE+ Ports
	2 x 1000 Mbps RJ45 Ports
	AUTO Negotiation
	AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	100BASE-TX: UTP category 5, 5e cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
External Power Supply	External Power Adapter (Output: 54VDC / 2.22A)
Fan Quantity	Fanless
Physical Security Lock	Yes
Jumbo Frame	16 KB
Switching Capacity	20 Gbps
Mac Address Table	4K
Max Power Consumption	7.37 W (220V / 50Hz with no PD connected)
	129.4 W (220V / 50Hz with 111 W PD connected)
Max Heat Dissipation	25.13 BTU/h (220V / 50Hz with no PD connected)
	441.25 BTU/h (220V / 50Hz with 111 W PD connected)
Performance	
Packet Forwarding Rate	14.88 Mpps
Others	
Certifications	FCC, CE, RoHS

Package Contents	MS110GMP
	Power Adapter
	Installation Guide
Environment	Operating Temperature: -10degreesC~40degreesC (14degreesF~104degreesF)
	Storage Temperature: -40-70 degreesC (-40-158 degreesF)
	Operating Humidity: 10-90% RH non-condensing
	Storage Humidity: 5-90% RH non-condensing

Product Information Online

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

Product page:
https://www.comx-computers.co.za/MRC-MS110GMP-Mercusys-MS110GMP-10-Port-Gigabit-Desktop-Switch-with-8-Port-PoE-p-333789.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-20 06:11:39.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.