

HS-1005M

5 Port 10/100/1000/2500M Multi Gigabit Switch

EAN Code : 4712757159912



Introduction

CERIO HS-1005M is a plug & play ultra-high speed and high-performance network switch. It supports 5 port 10/100/1000/2500Mbps Multi Gigabit Ethernet ports. All ports support Auto-Negotiation traffic modulation function, which helps to optimize the transmission speed and performance of each connected device. It supports existing conventional 10/100/1000Mbps Gigabit Ethernet equipment and new generation 2.5GbE network equipment. Whether you want to upgrade the office network or home use, **HS-1005M** can achieve faster and smoother bandwidth and transmission capabilities for you to achieve more flexible network applications

CERIO HS-1005M can use existing CAT 5e cables to enjoy ultra-high-speed network transmission, it's eliminating construction costs, and realizing economical network upgrades. **HS-1005M** with fanless design, simple and convenient operation, no need to configure software, plug and play. It's able to meet the hyper-converged large-scale data centers, AI applications, 4K high-quality image transmission, WiFi 6 wireless base stations, cloud data centers needs, etc., and provides stable and efficient transmission. The HS-1005M defines new green power saving idea in all Ports. Using the 802.3az Energy Efficient Ethernet standard, the network will automatically decrease the power usage when traffic is low with no setup required. Moreover, it supports desktop and wall mounting installation, making it more convenient and safer for you to use.

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2.5G BASE-T and IEEE 802.3az EEE specifications.
- 5 Port 10/100/1000/2500Mbps TX Auto-Negotiation Ethernet Switch.
- Supports Energy-Efficient Ethernet (EEE), IEEE 802.3az standard.
- Half/Full-duplex capability on each TX port Auto-learning networking configurations.
- Supports Store & Forward architecture and performs forwarding and filtering.
- IEEE802.1x flow control for Full-duplex, Back Pressure function for Half-duplex operation.
- Provides 12K Jumbo frames to improve network utilization of a large file transfers.
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding.
- Supports TP interface Auto MDIX function for auto TX/RX swap.
- Automatic Source MAC Address Learning and Aging.
- Supports up to 16K MAC addresses.
- Supports 12Mb buffer memory.
- Supports desktop and wall mounting installation.

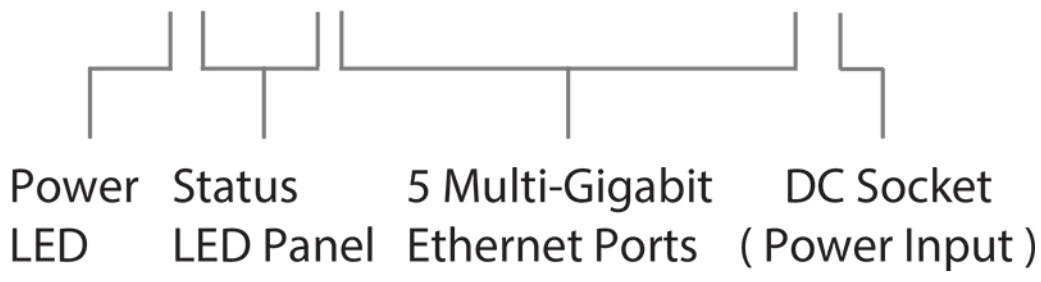
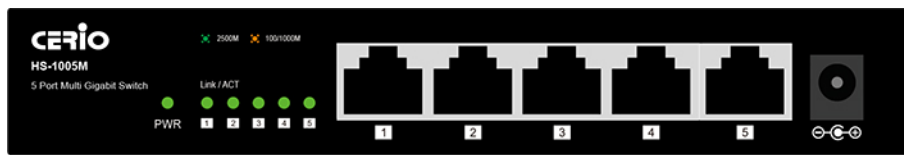
Product Application

Multi-Giga Connection Sample



For you to expand your site 2.5Gigabit wired network and share the Internet with your group !!

Hardware Overview



Standards & Hardware Specifications

Network Standards Conformance

IEEE 802.3 10Base-T
 IEEE 802.3u 100Base-TX,
 IEEE 802.3ab 1000Base-T,
 IEEE 802.3bz 2500Base-T
 IEEE 802.1x Flow Control
 IEEE 802.3az EEE

Port Configuration

5 ports RJ-45 connectors for 10/100/1000/2500Mbps

Media Access Protocol

CSMA / CD

Network Media

10BASE-T: UTP Cat. 3 or up,
 100BASE-TX: UTP Cat. 5 or up,
 1000BASE-T: UTP Cat. 5 or up
 2500BASE-T: UTP Cat. 5e or up

Transmission Method

Store and Forward

MAC Address Table

16K

Built-in Buffer

12Mb

Jumbo Frame

12K

Data Transfer Rate

10/100/1000/2500Mbps (Half-duplex),
 20/200/2000/5000Mbps (Full-duplex)

Auto MDI/MDIX

Yes

LED Indicators

Per Port: Link Status x 5
 Green (2500Mbps Link)
 Amber (100/1000Mbps Link)

Per Unit: (PWR) x1

Internal Bus Speed

25Gbps

Environmental & Mechanical Characteristics

Power Type

DC-Jack : for bundled External Power adapter

Power Consumption

4.8 Watt

Power Requirement

External 12 VDC 1A DC Input

Operating Temperature

0° to 45° C

Storage Temperature

-40° to 70° C

Operating Humidity

10% to 90% non-condensing

Storage Humidity

5% to 90% non-condensing

Dimensions (W x H x D)

160 x 111 x 26 mm

Unit Weight

0.46kg

Material of case

Metal

Production Location

TW or CN

Certifications

FCC, CE, RoHS-Compliant

Package Contents

Contents

HS-1005M Main Unit	x1
Quick Installation Guide Booklet	x1
Power Adapter	x1
Warranty Card	x1