CS124M Series

16/24 - port Full Gigabyte Managed Industrial Ethernet switches

▶ Up to 12 10/100/1000BaseT(X)ports and 12 1000BaseF(X) or SFP slots
▶ Support ERPS, STP/RSTP/MSTP for network redundancy
▶ IGMP Snooping for filtering multicast traffic
▶ Port-based VLAN, IEEE 802.1Q VLAN, and GVRP to ease network planning
▶ Port Trunking for optimum bandwidth utilization
▶ RADIUS,TACACS+,SNMPv3,IEEE 802.1X,HTTPS and SSH to enhance network security
▶ QoS (IEEE 802.1p/CoS) and ToS/DiffServ to increase determinism SNMPv1/v2c/v3 for different levels of network management
▶ RMON for efficient network monitoring and proactive capability
▶ Support port mirroring
▶ Bandwidth management prevents unpredictable network status
▶ Lock port function for blocking unauthorized access based on MAC address
▶ Automatic alarm through e-mail, relay out
▶ User friendly UI and command command Line Interface (CLI) for quickly configuring major managed functions
▶ Include 100~240 VAC and redundant dual 12/24/48 VDC power inputs
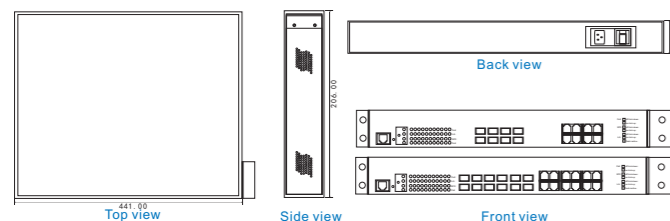▶ PoE / PoE+ option

Overview:

CS124M Series is an type of Multi-port full Gigabyte Ethernet switches that support up to 12 Gigabyte Ethernet ports and 12 Fiber optic ports, making it ideal for upgrading an existing network to Gigabit speed or building a new full Gigabit backbone. Gigabit transmission increases bandwidth for higher performance and transfers large amounts of triple play services across a network quickly. Enormous management function increase system reliability and the availability of your network backbone.

CS124M Series support one full-range AC and dual DC power inputs from +12~48 VDC or -12~-48 VDC, and support extend operating temperature from -40 to 85°C. One additional relay output is provided for system alarm warning. It undergoes a 100% burn-in test to ensure that they fulfill the special needs of harsh industrial environment. The CS124M series is designed especially for communication demanding applications, such as video and process monitoring, ITS, and process automatic systems, all of which can benefit from a scalable backbone construction.

Dimensions:

Size:（mm）

Back view

Top view
Side view
Front view

Order information:

Model No	Description	
	10/100/1000BaseT(X)	1000BaseF(X) or SFP
WT-CS-10808G	8	8
WT-CS-11212G	12	12

Specifications :

Protocols	IGMPv1/v2/v3, GMRP, GVRP, SNMPv1/v2c/v3,DHCP Server/Client, DHCP Option 66/67/82, BootP,TFTP, SNTP,SMTP, RARP, RMON, HTTP, HTTPS,Telnet, SSH, Syslog,EtherNet/IP, PROFINET, Modbus/TCP, SNMP Inform, LLDP,IEEE 1588 PTP V2, IPv6, NTP Server/Client
MIB	MIB-II, Ethernet-Like MIB, P-BRIDGE MIB,Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1, 2, 3, 9
Flow Control	IEEE 802.3x flow control, back pressure flow control
Switch Properties	Priority Queues: 4 GMP Groups: 256 Jumbo Frame Size:9.6 KB Max. Number of Available VLANs: 64 MAC Table size：8K VLAN ID Range: VID 1 to 4094 Packet Buffer Size：4 Mbit
Interface	Fiber Ports:1000BaseF(X) or SFP slot Rj45 Ports:10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection Console port: RS-232 (RJ45 connector) LED Indicators:PWR,L/A,SPD, PoE(option)
Power Requirement	Input Power:100~240VAC with power cord and dual +12~+48 VDC or -12~-48 VDC inputs in 6-pin terminal block Power Consumption: 18 Watts Overload Current Protection:Present
Physical Characteristics	Housing:IP30protection, Metal case Dimensions:441mm*206mm*45mm (17.3 x 8.11 x 1.77 in) Weight:2500g Installation:19" 1U rack
Environmental Limits	Operating Temperature:-40 ~ 85 ℃ (- 40 ~ 185 °F) Storage Temperature:-40 ~ 85 ℃ (- 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
Standards	EMI : FCC Part 15 Subpart B Class A, EN 61000-6-4(Industrial) EMS: EN 61000-6-2 (Industrial), EN 61000-4-2 (ESD) Level 4, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4, EN 61000-4-6 (CS) Level 3, EN 61000-4-8, IEEE 1613 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 MTBF （mean time between failures）：305,000 hrs IEEE 802.3ab for 1000Base-T IEEE 802.z for 1000Base-X IEEE 802.1D for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1Q for VLAN Tagging IEEE 802.1p for Class of Service IEEE 802.1X for Authentication IEEE 802.3ad for Port Trunk with LACP IEEE 802.3x for Flow Control
Warranty	5 years