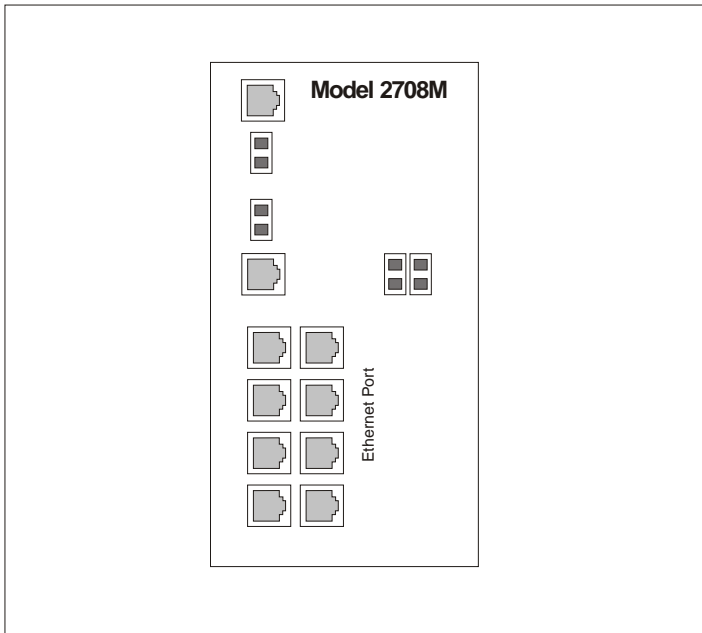


Managed 8 Port Ethernet Switch



Features:

- 8-port 10/100TX + 2-port 10/100/1000/Mini-GBIC Combo
- 5.6 Gbps Back-Plane (Switching Fabric)
- Port Based VLAN
- 802.1 Q Tag VLAN
- GVRP (256 Groups)
- Port Trunk with LACP
- QoS (Quality of Service)
- IEEE 802.1p Class of Service
- IEEE 802.1d Spanning Tree
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.1x /RADIUS
- Port Mirroring Monitor Traffic in Switched Networks
- Port Security
- IP Security
- RFC Standards
- Local Configuration: RJ-45 for RS-232 Series
- IGMP Snooping
- Redundant Ring Function (Recovery Time < 300ms)
- System Event Log
- SNMP Trap
- TFTP Firmware Update
- System Configure Restore and Backup
- IP-30 Protection
- DIN Rail and Wall Mount Design
- DNP3 Protocol

Specifications:

Switch Management

SNMP v1 v2c v3, Web, Telnet, CLI, Menu Driven Management

VLAN

Port based, IEEE 802.1Q Tag VLAN (256 Entries) / VLAN ID (Up to 4K, 1 to 4096), GVRP (256 Groups)

SNMP Trap

Up to 3 Trap Stations

Cold start, port link up, port link down, authentication fail, private trap for power status, port alarm configuration, fault alarm, redundant ring topology change

Protocol

CSMA/CD

MAC Address

8K MAC address table

Packet Buffer

1Mbits

Flash ROM

4Mbytes

DRAM

32Mbytes

LED

Unit: Master, Power, Power 1, Power 2 (Green), Fault (Orange)
10/100 Port: Link / Activity (Green), Full-Duplex/Collision (Orange)
Gigabit Port: Link / Activity (Green)

Connector

10 / 100TX: 8 x RJ-45 with Auto MDI / MDI-X Function

Gigabit Fiber: 2 x Mini-GBIC Socket

RS-232 Connector: RJ-45 type

Port Trunk with LACP

LACP Port Trunk: 4 Trunk groups / Maximum 4 trunk members

Redundant Ring

Supports Redundant Ring, Dual Homing, and Couple Ring
Redundant Backup Feature and Recovery Time < 300 ms

Flow Control

Flow Control for Full-Duplex and Back Pressure for Half-Duplex

Class of Service

IEEE802.1p, Provides 4 priority queues per port

Quality of Service

Port, Tag, IPv4 type of service, IPv4 / IPv6 Different Service

IGMP

IGMP v1, v2, and Query Mode. Up to 256 groups

Spanning Tree

IEEE 802.1d spanning tree & IEEE802.1w rapid spanning tree

SNTP

Supports simple network time protocol

SMTP

Supports simple mail transfer protocol (6 email accounts for alerts)

IP Security

Supports 10 IP addresses

Port Mirror

TX, RX, and both packet

Port Security

100 MAC address entries for static MAC and 100 MAC filters

System Event Log

Supports system log record and remote system log server

Login Security

IEEE802.1x Authentication/RADIUS

DHCP

DHCP Client, DHCP Server, IP Relay functions

Alarm

Provides 1 relay output for port breakdown, power fail and alarm.

Alarm relay current carry ability: 1A @ 24VDC

Firmware Update

Supports TFTP firmware update, config. backup & restore

Power Supply

Input Power Isolation design, Pass Hi-Pot test ~1.5V

DC 24 ~ 48V, Redundant power with polarity reverse protect function and connective removable terminal block for master and slave power

Power Consumption

11 Watts

Mounting

DIN-Rail and wall mount

Operation Temperature

Standard: -10° C to 70° C (14° F to 158° F)

Wide Operating Temperature: -40° C to 75° C (-40° F to 167° F) - Option

Operation Humidity

5% to 95% (Non-condensing)

Storage Temperature

-40° C to 85° C

Case Dimension (W x H x D)

Ip30, 72 x 152 x 105 mm (2.83 x 4.13 x 5.98 inches)

EMI

FCC Class A, CE EN6100-4-2, CE EN6100-4-3, CE EN6100-4-4, CE EN6100-4-5, CE EN6100-4-6, EN6100-4-8, EN6100-4-11

Safety

UL, cUL, CE EN60950-1

Stability Testing

Shock: IEC60068-2-27

Free Fall: IEC60068-2-32

Vibration: IEC60068-2-6

Warranty

5-Year Warranty