

RS106M Series

4/5/6 - port Managed Industrial Ethernet switches



- ▶ Up to 4 10/100/1000BaseT(X) and 2 100/1000BaseF(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
- ▶ PoE/PoE+ option



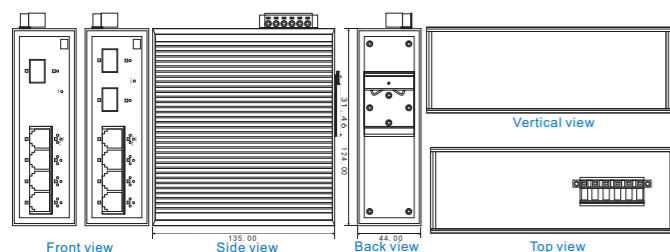
Overview:

The RS106M series is equipped with up to 4 Fast / Gigabyte Ethernet ports and 2 fiber optic ports. It has enormous management function, redundant Ethernet ERPS, RSTP/STP, and MSTP increase system reliability and the availability of your network backbone. Its reliable industrial design is excellent for keeping your industrial automation applications running continuously, and each comes with a relay output warning alarm to help prevent damage and loss. It is designed for harsh industrial environments and comply with FCC, UL, and CE standards.

The RS106M series supports an wide operating temperature from -40 to 85°C and subjected to a 100% burn-in test.

Dimensions:

Size: (mm)



Order information:

Model No	Description	
	10/100/1000BaseT(X)	1000BaseF(X) or SFP
WT-RS-80204G	4	2
WT-RS-80104G	4	1
	10/100BaseT(X)	100BaseF(x) or SFP
WT-RS-80204	4	2
WT-RS-80104	4	1

Specifications:

Protocols	IGMPv1/v2/v3, GMRP, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, DHCP Option 66/67/82, BootP, TFTP, SNMP, 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 Max. Number of Available VLANs: 64 VLAN ID Range: VID 1 to 4094 IGMP Groups: 256 MAC Table size: 8K Jumbo Frame Size: 10 KB Packet Buffer Size: 1Mbit
Interface	Fiber Ports: 100BaseF(X) or 1000BaseF(X) or SFP slot Rj45 Ports: 10/100BaseT(X) or 10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection Console port: RS-232 (RJ45 connector) LED Indicators: PWR1, PWD2, L/A, SPD, PoE(option) Alarm Contact: 1 relay output with current carrying capacity of 1 A @24 VDC
Power Requirement	Input Voltage: 12/24/48/>48 VDC, redundant dual inputs Input Current: 24 VDC / 0.6 A Overload Current Protection: Present Connection: 2 removable 2-contact terminal blocks Reverse Polarity Protection: Present
Physical Characteristics	Housing: Aluminum, IP40 protection Dimensions: 135 x 125 x 45mm (5.3 x 4.9 x 1.8 in) Weight: 650g Installation: DIN-rail mounting, Wall mounting
Environmental Limits	Operating Temperature: -40 ~ 85 °C (- 40 ~ 185 °F) Storage Temperature: -40 ~ 85 °C (- 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 802.3 for 10Base-T IEEE 802.3u for 100Base-TX 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