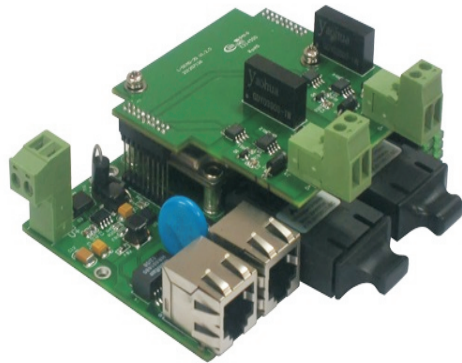


BS104M Series

14- port IEC60079-11 Intrinsic Safety Industrial Ethernet switches



- ▶ 2 10/100BaseT(X) ports and 2 1000BaseF(X) ports and 2 ports RS485
- ▶ Comply with IEC60079-11(GB3836.4) of explosive atmospheres.
- ▶ 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
- ▶ User friendly UI and command command Line Interface (CLI) for quickly configuring major managed functions



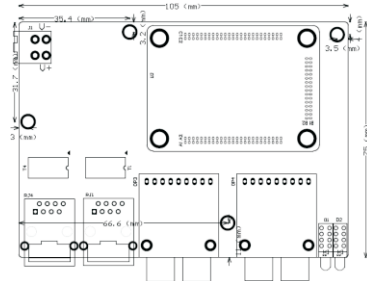
Overview:

The BS104M series Ethernet switches is designed for use in explosive atmospheres environment, low consumption, without housing. It has 2x10/100Base-T(X) and 2x10/100Base-F(X) ports, furthermore, it can support 2 ports RS485, AT command and alarm output.

The BS104M comply with intrinsic safety, have advanced insulation performance, damp proofing, support fiber transmitting and forwarding, multiple redundant topology, remote monitoring, etc. Apply to explosive atmospheres, high dust, corrosive condition, such as coal mine, chemical factory, oil field and so on.

Dimensions:

Size: (mm)



Order information:

Model No	Description		
	10/100BaseT(X)	100BaseT(X)	RS-485
WT-BS-80202	2	2	2

Specifications:

Switch Properties	Priority Queues: 4 Max. Number of Available VLANs: 64 VLAN ID Range: VID 1 to 4094IGMP MAC Table size: 8K Jumbo Frame Size: 10 KB Groups: 256 Packet Buffer Size: 1 Mbit
Interface	Fiber Ports: 100BaseF(X) RJ45 Ports: 10/100BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection Serial ports: RS485
Power Requirement	Input Voltage: 12 (9-24VDC) Input Current: 12 VDC / 0.6 A Connection: 2 removable 2-contact terminal blocks Overload Current Protection: Present Reverse Polarity Protection: Present
Physical Characteristics	Dimensions: 130 x 107 x 35mm (5.1 x 4.2 x 1.37 in) Weight: 300g Installation: support location holes for users
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 MTBF (mean time between failures) : 305,000 hrs IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT (X) and 100BaseFX IEEE 802.3x for Flow Control Processing Type: Store and Forward Flow Control: IEEE 802.3x flow control, back pressure flow control
Warranty	5 years