B&B ELECTRONICS

8 Port Gigabit Industrial Ethernet Switch

EIR408-T

PRODUCT FEATURES

- 8 10/100/1000 Base-T Ethernet ports
- UL Class 1/Division 2
- NEMA TS2
- Dual 12 to 48 VDC power inputs
- Wide operating temperature (-40 to 75°C)

The EIR408-T is an 8 Port Unmanaged Industrial Gigabit Ethernet Switch. Packed full of rugged features, this switch is perfect for your high speed industrial network.

High-Speed Transmissions: The EIR408-T includes a switch controller that automatically senses transmission speed (10/100/1000 Mbps). The RJ-45 interface also auto-detects MDI or MDI-X, eliminating the requirement for a crossover cable. Each port is buffered and supports store-and-forward protocol.

Dual Power Input: To reduce the risk of power failure, the EIR408-T provides two 12 to 48 VDC power inputs. If the power fails, the switch will automatically use the secondary power input. Also, if the power goes out the corresponding P1 or P2 LED will go out and the Fault LED will light. The contacts for the alarm output will also open.

Flexible Mounting: The switch features a space saving IP30 metal enclosure that can be DIN or Panel mounted.

Wide Operating Temperature: With an operating temperature of -40 to 75°C (-40 to 167°F), this switch can be used in harsh industrial environments.

Easy Troubleshooting: There are two LED indicators for each port that display the link status and transmission speed. Three LED indicators for power (P1, P2 and Fault) show power status. These indicators allow you to quickly diagnose and correct problems and ensure your network remains reliable.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
EIR408-T	8 Port Industrial Gigabit Switch

ACCESSORIES

C5UMB7FBG - Category 5e, 7 ft. (2.1 M), Grey
EIRSP1 - Industrial Ethernet Surge Suppressor
MDR-20-24 - DIN rail mount power supply 24VDC, 1.0 A output power
MDR-40-24 - DIN rail mount power supply 24VDC, 1.7 A output power
MDR-60-24 - DIN rail mount power supply 24VDC, 2.5 A output power

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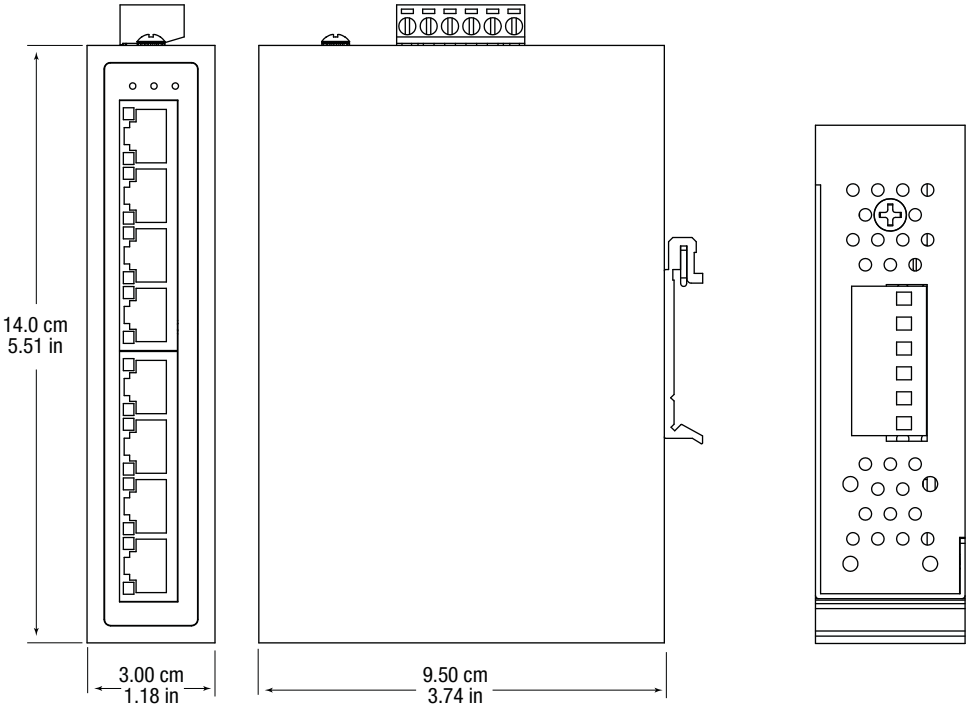
SPECIFICATIONS

IEEE STANDARDS	
IEEE 802.3	802.3. 10Base-T Ethernet
IEEE 802.3u	100Base-TX and 100Base-FX Fast Ethernet
IEEE 802.3ab	1000Base-T
IEEE 802.3x	Flow Control and Back Pressure
NETWORK SPECIFICATIONS	
Architecture	Back-plane (Switching Fabric): 10Gbps Throughput (Full-dux): 14.88Mpps@64bytes
Transmission Speed	Up to 1000 Mbps
Buffer	136 Kbits
MAC Table	8K
Jumbo Frame	9.6Kbytes
Other	Broadcast Storm Protection
INTERFACE	
RJ-45 Ports	8 x 10/100/1000BaseT, Auto MDI/MDI-X
LED Indicators	P1 (Power 1), P2 (Power 2), Fault (Power Fault), RJ-45 Ports have 2 LED's to indicate LINK and activity
POWER	
Input Voltage	Dual 12 to 48 VDC Inputs Reverse Polarity Protection
Power Connection	Removable Terminal Block
Wire Size	12 to 24 AWG
Power Use	7.788 Watts
Fault Output	1 Relay Output – Normally Closed
EFT Protection	3000 V EFT Protection

ENVIRONMENTAL	
Operating Temperature	- 40 to 75°C (-40 to 167°F)
Storage Temperature	- 40 to 85°C (-40 to 185°F)
Operating Humidity	0 to 95%
MECHANICAL	
Enclosure	IP30 Metal Enclosure
Mounting	35mm DIN Rail or Panel Mount Attachments
Dimensions	3.0 x 14.0 x 9.5 cm (1.18 x 5.51 x 3.74 in)
CERTIFICATIONS	
Safety	CE EN60950-1
Hazardous Location	UL/cUL Class I, Division 2, Groups A, B, C and D
EMC	FCC Class A, CE EN61000-4-2 (ESD) CE EN61000-4-3 (RS) CE EN61000-4-4 (EFT) CE EN61000-4-5 (Surge) CE EN61000-4-6 (CS) CE EN61000-4-8 CE EN61000-6-2 CE EN61000-6-4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
NEMA TS2	

MECHANICAL DIAGRAM



B&B ELECTRONICS
orders@bb-elec.com
support@bb-elec.com
International Office: 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA 815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445