## Industrial 8-Port Unmanaged Fast Ethernet Switch

**EH2308**

*RoHS compliant*

### Technology

- 10/100BaseT(X) (RJ45)
- Broadcast storm protection
- Support IEEE 802.3/ 802.3u/ 802.3x
- 10/100M, Full/Half-Duplex, MDI/MDI-X auto-detection

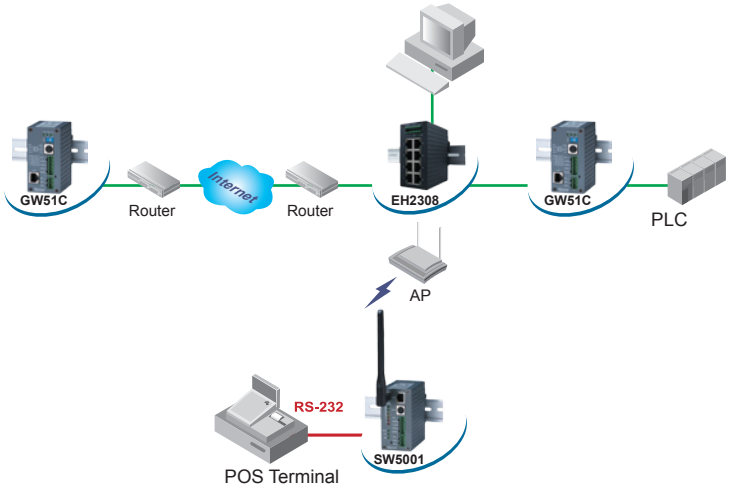
### Reliability

- Redundant dual DC power inputs
- Operating temperature ranges from -10~70˚C
- Rugged high-strength housing
- DIN-Rail or wall mounting ability

EH2308 with 8 RJ-45 ports for your industrial applications. It designs to work in the industrial environment, such as in hazardous locations that comply with CE, FCC, UL, and RoHS standards.

EH2308 protects itself from receiving too many broadcast packets. During normal use, broadcast packets will be forwarded to all ports except the source port. However, it will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. When the preset period expires (about 800ms), it will then resume receiving broadcast or multicast packets until the threshold is reached again.

EH2308 provides two redundant power inputs that can be connected simultaneously to wide-range DC power sources. If one of the power inputs failure, the other live source acts as a backup to provide the EH2308 power needs automatically.



# Industrial 8-Port Unmanaged Fast Ethernet Switch

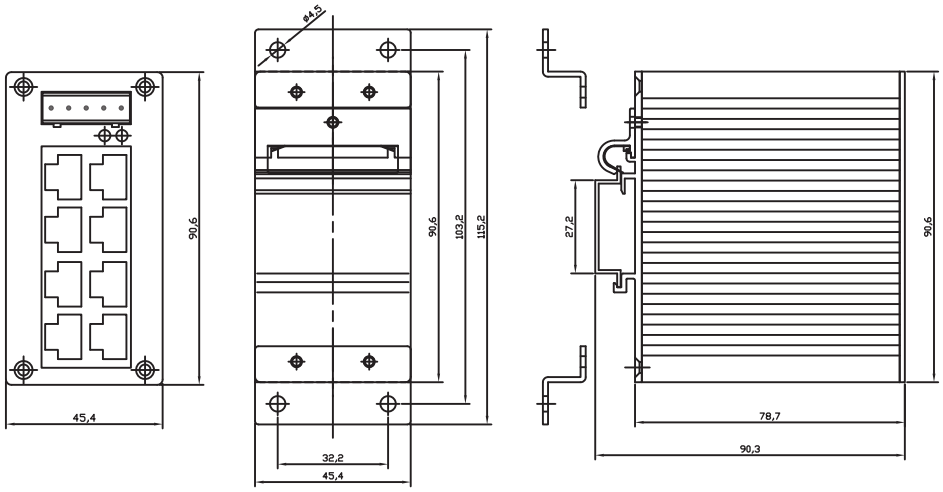
EH2308

| Specifications | |
|---|---|
| **Technology** | Standards: IEEE802.3, 802.3u, 802.3x |
| | Processing Type: Store and Forward |
| | Flow Control: IEEE802.3x flow control, backpressure flow control |
| **Interface** | RJ45 Ports: 10/100BaseT(X) auto negotiation speed |
| | Full/Half-duplex mode, and auto MDI/MDI-X connection |
| | LED Indicators: Power, 10/100M |
| **Power Requirement** | Input Voltage: 9~48 VDC, Dual inputs |
| | Consumption: 4 Watts Max |
| | Connector: Removable 5-pin Terminal Block for power input |
| | Reverse Polarity Protection: Present |
| **Physical Characteristics** | Housing: IP50 protection, metal housing |
| | Dimension: 45.2mm x 90mm x 78mm (W x H x D) |
| | Weight: 255g |
| **Environmental Limits** | Operating Temperature: -10°C ~ 70°C ( 14ºF ~ 158ºF ) |
| | Storage Temperature: -40ºC ~ 85ºC ( -40ºF ~ 185ºF ) |
| | Ambient Relative Humidity: 5%~95% non-condensing |
| | *Notes: For UL policy the maximum operating temperature is 50ºC, and the human body can tolerate maximum temperature is 70ºC. |
| **Regulatory Approvals** | UL(Safety): UL60950-1 2nd Ed. /CSA C22.2 No.60950-1-07 2nd Ed. |
| | FCC(EMI): FCC 47 CFR Part15, Subpart B, Class A |
| | CE(EMI): European Standard EN 55022:2006/A1:2007 Class A |
| | EN 61000-3-2:2006 |
| | EN 61000-3-3: 1995/A1:2001/A2 :2005 |
| | CE(EMS): EN 55024:1998/A1:2001/A2:2003(IEC 61000-4-2:1995/A2:2000) |
| | IEC 61000-4-3:2002 |
| | IEC 61000-4-4:2004 |
| | IEC 61000-4-5:1995/A1:2000 |
| | IEC 61000-4-6:1996/A1:2000 |
| | IEC 61000-4-8:1993/A1:2000 |
| | IEC 61000-4-11:1994/A1:2000 |
| | Shock: IEC 60068-2-27 |
| | Drop: ISTA Test Procedure 2A |
| | Vibration: IEC 60068-2-64 |
| | RoHS: Lead(Pb) Free |
| | MTBF: 568862 hrs(25ºC) / 64.94 years(25ºC) |
| | Warranty: 5 years |

| Optional Accessories |
|---|
| US315-12(US/EU) : AC100~240V/DC12V ; 5.08mm pitch terminal block |
| DIN-Rail mount, Wall mount |

| Ordering Information | | | |
|---|---|---|---|
| **Model Name** | Port Interface | | |
| | | 100BaseFX | |
| **Extended Temperature** (-10°C ~ 70°C) | 10/100BaseT(X) | Multi Mode ST Connector | Single Mode SC Connector |
| **EH2308** | 8 | ---- | ---- |

**Mechanical Dimensions(unit=mm)**




**Front-panel front view** **Backboard rear view** **(Mount kit)** **Housing side view**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