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.

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Technologies
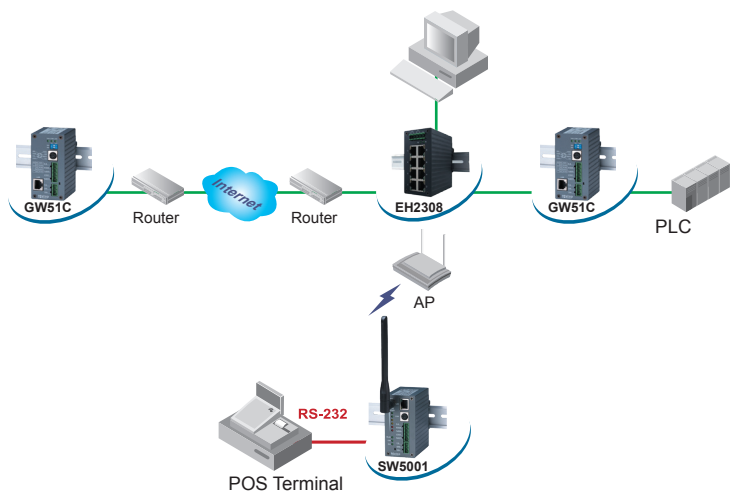
Industrial 8-Port Unmanaged Fast Ethernet Switch

⊙ **EH2308**

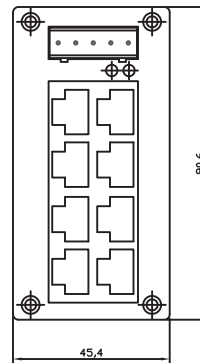| Specifications	
Technology	
Standards	IEEE802.3, 802.3u, 802.3x
Processing Type	Store and Forward
Flow Control	IEEE802.3x flow control, backpressure flow control
Interface	
RJ-45 Ports	10/100BaseT(X) auto negotiation speed
	Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators	Power, 10/100M
Power	
Input	9~48 VDC, Dual inputs
Consumption	4 Watts Max
Connector	Removable 5-pin Terminal Block for power input
Reverse Polarity Protection	Present
Environment	
Operating	-10°C ~ 70°C (14°F ~ 158°F)
Storage	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5%~95% non-condensing
Physical	
Housing	IP50 protection, metal housing
Dimension	45.2mm x 90mm x 78mm (W x H x D)
Weight	255g
Approval	
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(25°C) / 64.94 years(25°C)
Warranty	5 years
Optional Accessories	
Power adapter	US315-12(US/EU):
	AC100~240V/DC12V 5.08mm pitch Terminal block

Ordering information

1P1EH230800001G	Industrial 8-port Unmanaged Fast Ethernet Switch with
EH2308	8x 10/100TX

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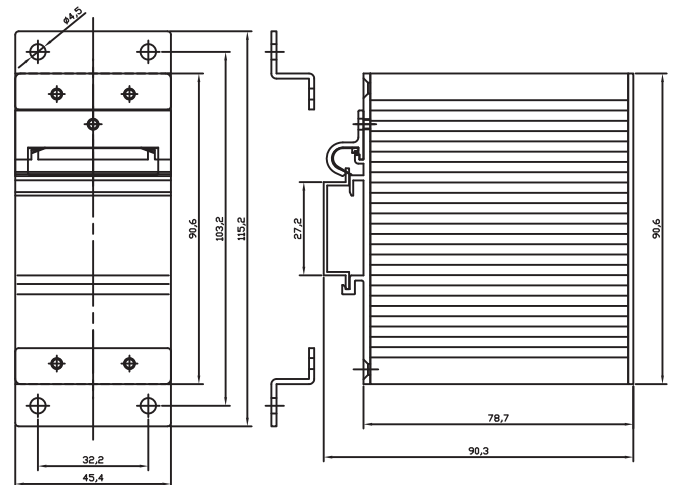
Backboard rear view　　**(Mount kit)**　　**Housing side view**

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UL c US LISTED I.T.E 13BU　　CE　　FC　　**IP50** Rated IEC/EN60529　　RoHS