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

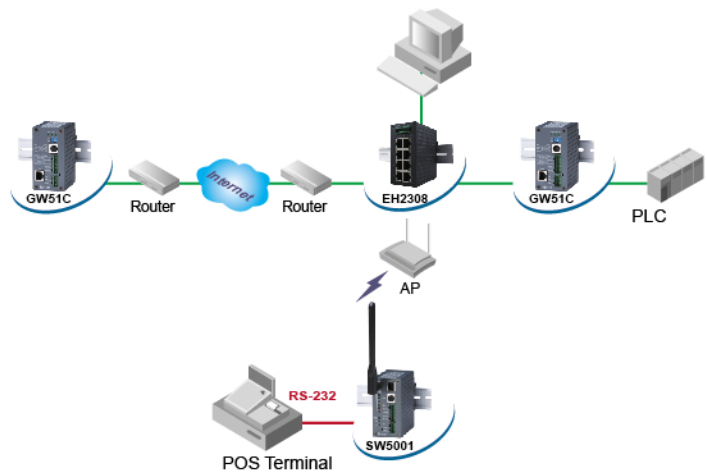
Reliability

- 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	
	Input Current (@12V): 0.35A	
	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 (14° ~ 158°F)	
	Storage Temperature: -40°C ~ 85°C (-40°~ 185°F)	
	Ambient Relative Humidity: 5%~95% non-condensing	
Regulatory Approvals	UL(Safety): UL60950-1,CSA C22.2 No.60950-1-03 (TBD)	
	FCC(EMI):	FCC 47 CFR Part15, Subpart B, Class A (TBD)
		ICES-003, Class A (TBD)
		ANSI C63.4-2003 (TBD)
	CE(EMI):	EN 55022:1988+A1:2000+A2:2003, Class A (TBD)
		EN 61000-3-2:2000, Class A (TBD)
		EN 61000-3-3: 1995+A1:2001 (TBD)
	CE(EMS):	EN 55024:1998+A1:2001+A2:2003 (TBD)
		IEC 61000-4-2:2001 (TBD)
		IEC 61000-4-3:2002+A1:2002 (TBD)
		IEC 61000-4-4:2004 (TBD)
		IEC 61000-4-5:2001 (TBD)
		IEC 61000-4-6:2003+A1:2004 (TBD)
		IEC 61000-4-8:2001 (TBD)
		IEC 61000-4-11:2004 (TBD)
	Shock:	IEC 60068-2-27
	Free Fall:	IEC 60068-2-32
	Vibration:	IEC 60068-2-6
	RoHS:	Lead(Pb) Free
	MTBF:	568862.37hrs(25°C) / 64.94 years(25°C)
	Warranty:	5 years

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

Optional Accessories

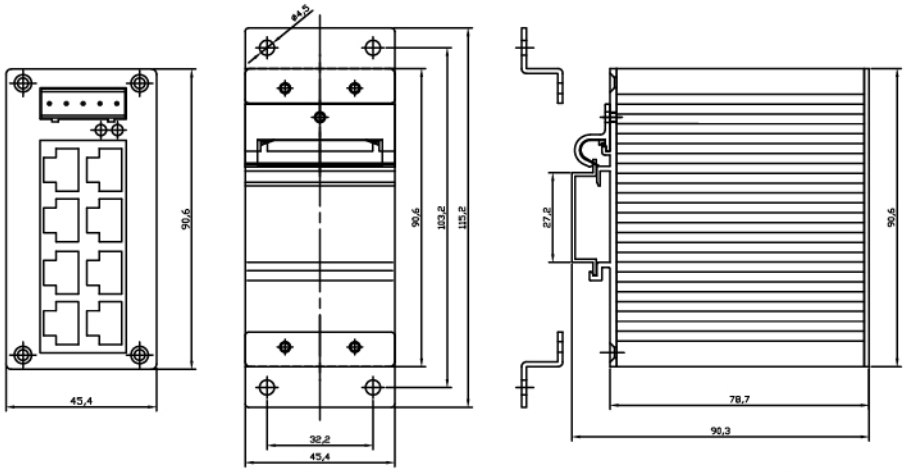
AD17-24C (US): AC100V~240V/DC24V for terminal block, US adapter

AD17-24D (EU): AC100V~240V/DC24V for terminal block, EU adapter

US315-12(US/EU) : AC100~240V/DC12V ; 5.08mm pitch terminal block

DIN-Rail mount, Wall mount

Mechanical Dimensions(unit=mm)



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

Atop Technologies, Inc.

TEL : +886-3-5508137

FAX : +886-3-5508131

sales@atop.com.tw

http : //www.atop.com.tw

IP50 Rated IEC/EN60529