

EX42395BT

Hardened Unmanaged 6-Port Gigabit PoE Switch



Product Highlights

High-Power PoE (Power over Ethernet)

- High power output using the latest IEEE 802.3bt technology
- Up to 90W output per port for various security, LED lighting, and other applications
- Backward compatible with 802.3af and 802.3at devices

Hardened-Grade for Non-Ventilated & Harsh Environments

- Wide operating temperature range from -40 to 75°C (-40 to 167°F)
- Fanless operation
- High impact, thermal shock, and electrical noise resistance

Versatility

- Dual-speed SFP slots provide fiber connectivity
- Combo TX/SFP port provides extra copper or fiber connectivity
- Convenient DIP switches control SFP speed and combo port

Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

Overview

EtherWAN's EX42395BT is a compact hardened unmanaged DIN-rail mounted PoE switch. Equipped with 4 gigabit PoE ports using that provides up to 90W output per port using the latest IEEE 802.3bt PoE technology and 2 dual-rate gigabit SFP ports, the EX42395BT provides the power required to support various security, LED lighting, and other network applications, along with flexibility, speed, and reliability to support networks where connectivity is crucial.

Ordering Information

Model

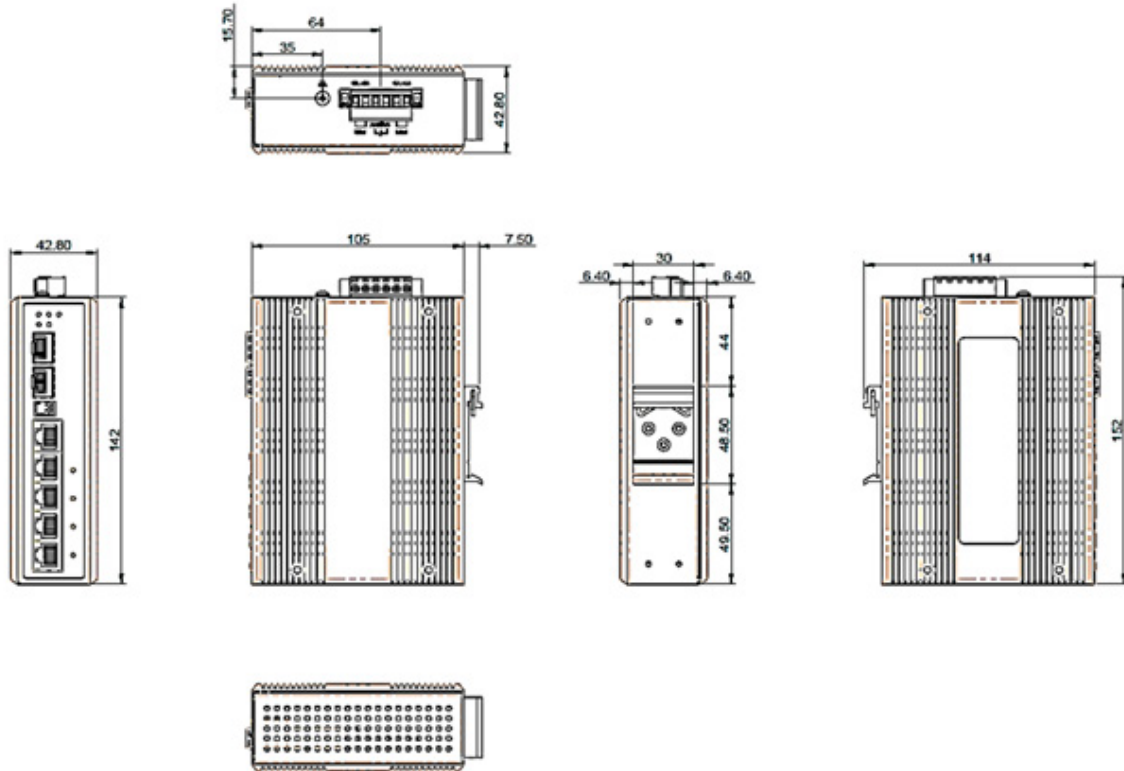
EX42395BT	4-port 10/100/1000BASE-T PoE + 1-port Combo Gigabit TX/SFP + 1-port 100/1000BASE SFP
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Hardware Specifications

Interface		+
Ethernet	4 x 10/100/1000BASE-T(X) 1 x 100/1000BASE SFP 1 x 10/100/1000BASE-T(X) or 100/1000BASE SFP	
Alarm Contact	1 x relay output	
LED Indicators	Per unit: Power 1, Power 2 Per port: Link/Activity	
Technology		+
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3ab 1000BASE-T IEEE 802.3x full duplex and flow control IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt 4PPoE	
Forward/Filtering Rate	14,800pps for 10Mbps 148,810pps for 100Mbps 1,488,100pps for 1000Mbps	
Processing Type	Store-and-forward Auto-negotiation Half-duplex back-pressure and full-duplex flow control Auto MDI/MDIX	
Switch Properties and Performance		+
Switching Fabric	12Gbps	
Jumbo Frame Size	9KB	
MAC Table Size	1K	
Packet Buffer Memory	1Mb	
Power		+
Input	48-56VDC redundant (terminal block)	
Power Consumption	5.76W max @ 48VDC, without PoE	
PoE Power Output	Per Port: Up to 90W/port Power Budget: 240W	
Protection	Reverse polarity protection, Current overload protection	
Physical		+
Casing Material	Aluminum	
IP Rating	IP30	
Dimensions	43 x 105 x 142mm (W x D x H) or 1.69" x 4.13" x 5.59"	
Weight	1.5lbs (0.68kg)	
Installation Type	DIN-rail or wall mounting	

Environmental		+
Operating Temp.	-40 to 167°F (-40 to 75°C)	
Storage Temp.	-49 to 185°F (-40 to 85°C)	
Relative Humidity	5% to 95% (non-condensing)	
MTBF	>500,000 hours @ 50°C	
Regulatory		+
ISO	Manufactured in ISO-9001 facility	
EMI	FCC Part 15B Class A EN 55032 EN 55024	
EMS	EN 61000-4-2 (ESD) EN 61000-4-4 (Burst) EN 61000-4-5 (Surge)	
Safety	UL 60950-1	
Vibration	EN 60068-2-6	
Shock	EN 60068-2-27	
Free Fall	EN 60068-2-32	
Warranty		+
Length	Limited Lifetime	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	Switch	
Installation	Mounting brackets, screws, 6-pin terminal block	
Documentation	Quick install guide	

Dimensions



Accessories

Hardened 100BASE SFP Modules +

www.etherwan.com/products/sfp-fiber-transceiver

Hardened Gigabit SFP Modules +

www.etherwan.com/products/sfp-fiber-transceiver

DIN-Rail Power Supplies +

www.etherwan.com/products/din-rail-power-supply