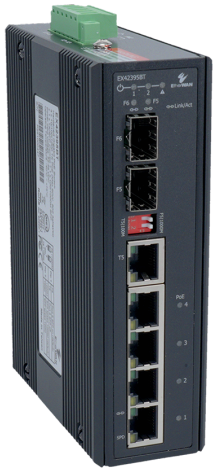
EX42395BT

Hardened Unmanaged 6-Port Gigabit PoE Switch



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.

EtherWAN — "When Connectivity is Crucial."

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 -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

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

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)

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

IEC 60068-2-6

Shock

IEC 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

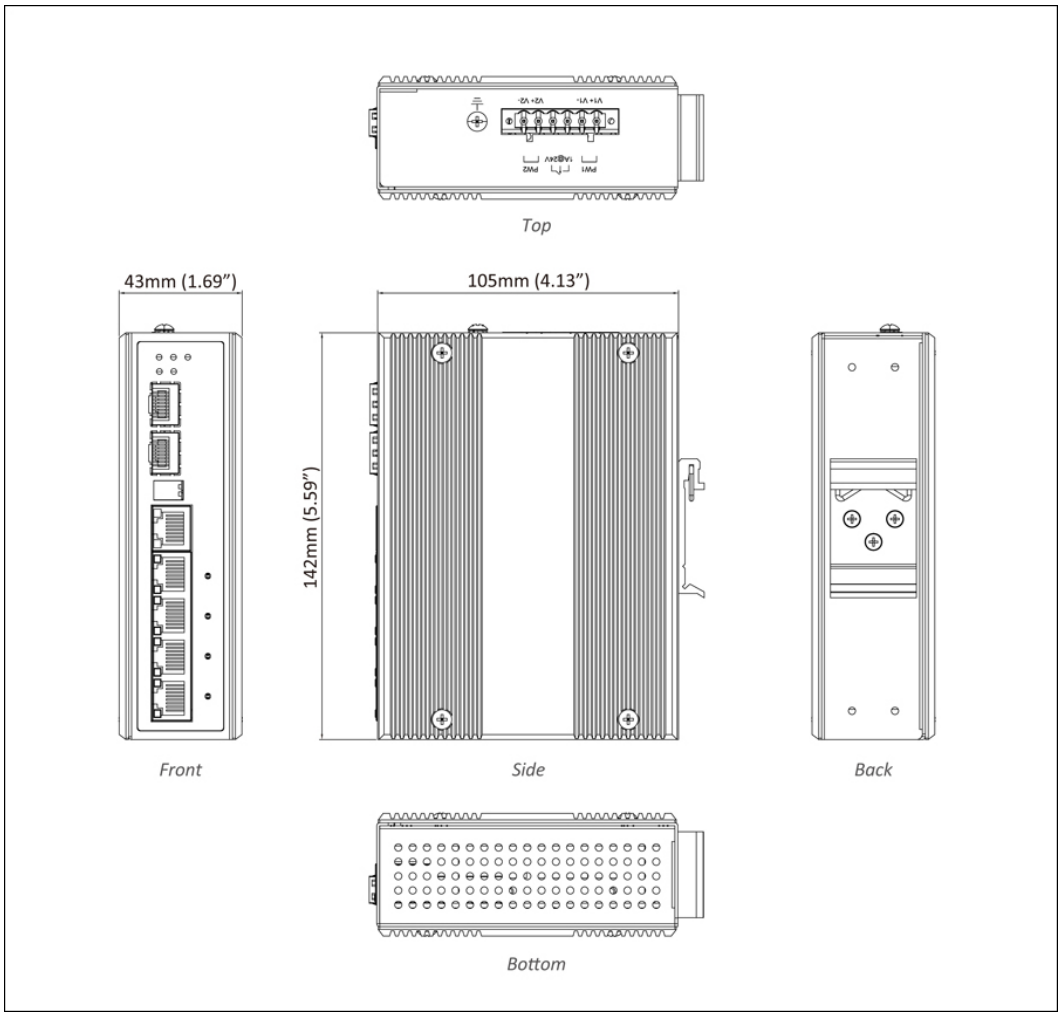
Quick install guide

MPN

EX42395BT

1683911

Dimensions



Ordering Info

Model

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

Accessories

SFP Modules

Hardened SFP Modules	www.etherwan.com/products/sfp-fiber-transceiver

Power Supplies

EPOW-54-240	Power Supply, Hardened (-40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 240W, 54VDC, 0-11.1A with Open Wire (US Plug) - No Deration at High Temps
EPOW-54-400	Hardened Power Supply, 100-277 VAC Input; NEMA-TS2 Rated; 54VDC, 400W/7.4A, with Open Wire (US Plug) - No Deration at High Temps
EPOW-54-600	Power Supply, Hardened (-40°C - +75°C) External 100-277 VAC Input; NEMA-TS2 rated; 600W, 54VDC, 0-11.1A with Open Wire (US Plug) - No Deration at High Temps
EPHX-48-240	240W/5A DIN-Rail 48VDC (42-56VDC Adjustable) Industrial Power Supply - No Deration at High Temps
EPHX-48-480	480W/10A DIN-Rail 48VDC (36-55VDC Adjustable) Industrial Power Supply - No Deration at High Temps

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