



EtherWAN

staging-ed9.hellosanta.tw/jp/node/1351 EX41941

EX41941

Hardened Unmanaged 4-Port Gigabit PoE & 1-Port Gigabit RJ45 Ethernet Switch





Overview

EtherWAN's EX41941 is a compact hardened unmanaged PoE switch which can be wall or DIN-rail mounted. 4 gigabit PoE ports provide up to 30W output per port with a PoE power budget of 120W, ensuring that the maximum possible power is delivered to every device at all times. 1 RJ45 uplink port provides flexibility for data transmission and cascading. The EX41941 provides the power required to support various security and other network applications, along with flexibility, speed, and reliability to support networks.

EtherWAN — "When Connectivity is Crucial."

Highlights

High-Power PoE (Power over Ethernet)

- Up to 30W output per port for various security, LED lighting, and other applications
- Total PoE power budget of 120W
- Backward compatible with 802.3af 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

Support

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

Specifications

Interface

- **Ethernet**

- 5 x 10/100/1000BASE-T(X)

- **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 802.3z 1000BASE-X
- IEEE 802.3x full duplex and flow control
- IEEE 802.3af PoE
- IEEE 802.3at PoE+

- **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**

- 10Gbps

- **Jumbo Frame Size**

- 9KB

- **MAC Table Size**

- 2K

- **Packet Buffer Memory**

- 1Mb

Power

- **Input**

- 48-56VDC Redundant (Terminal block)+ 48-56VDC Power DIN Connector

- **Power Consumption**

- 2.24W max @ 48VDC, without PoE

- **PoE Power Output**

- Per Port: Up to 30W/port
- Power Budget: 120W

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

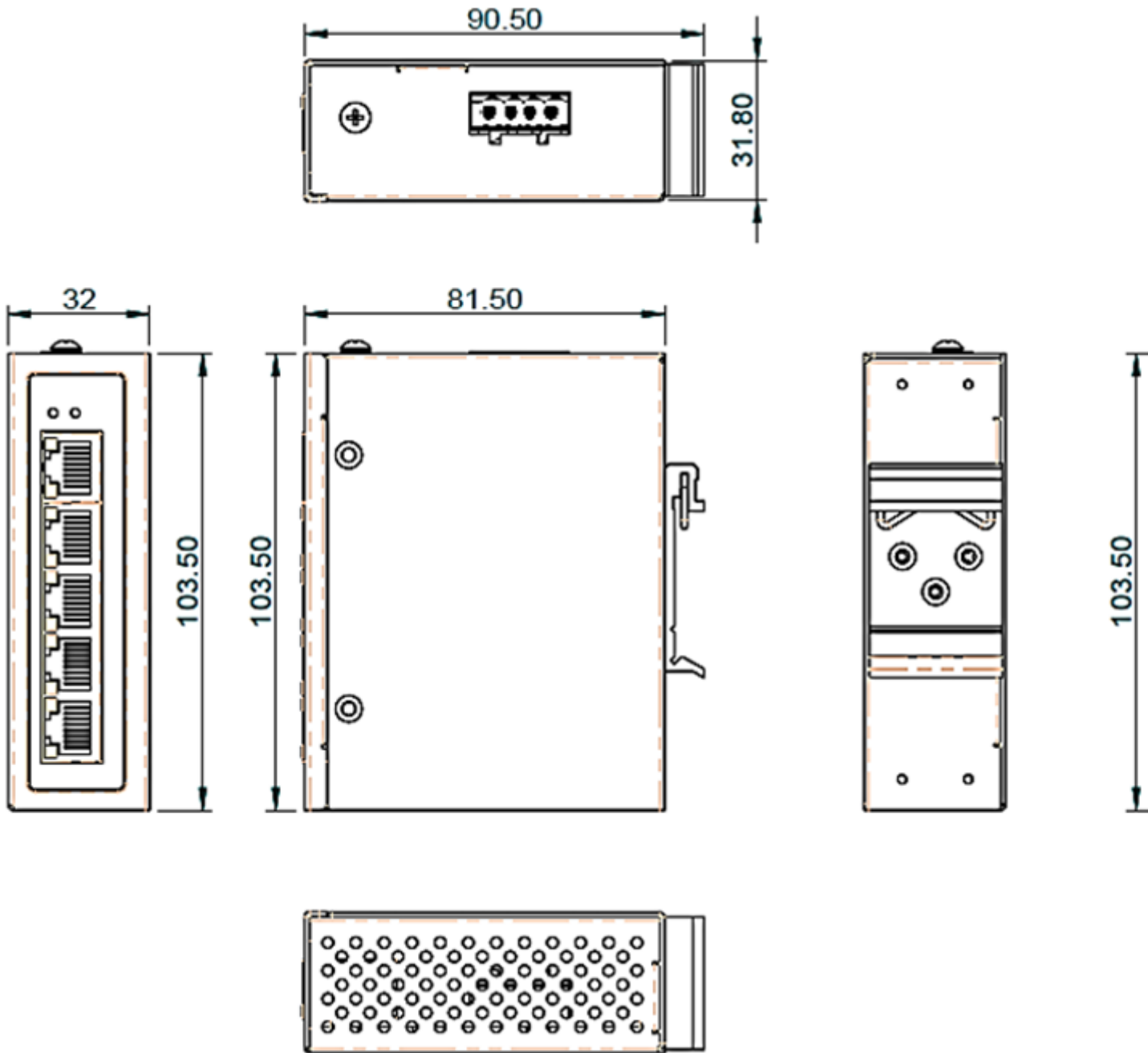
Warranty

- **Length**
 - Limited Lifetime
- **Details**
 - www.etherwan.com/support/warranty-policy

What's Included

- **Device**
 - Switch
- **Installation**
 - Mounting brackets, screws, 4-pin terminal block
- **Documentation**
 - Quick install guide

Dimensions



Ordering Info

Model

EX41941

4-port 10/100/1000BASE-T PoE + 1-port Gigabit RJ45 Ethernet Switch

Accessories

Power Supplies

www.etherwan.com/products/power-supplies



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