

# EX41941

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



## Product 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

### Support

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

### 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

## 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 where connectivity is crucial.

## Ordering Information

### Model

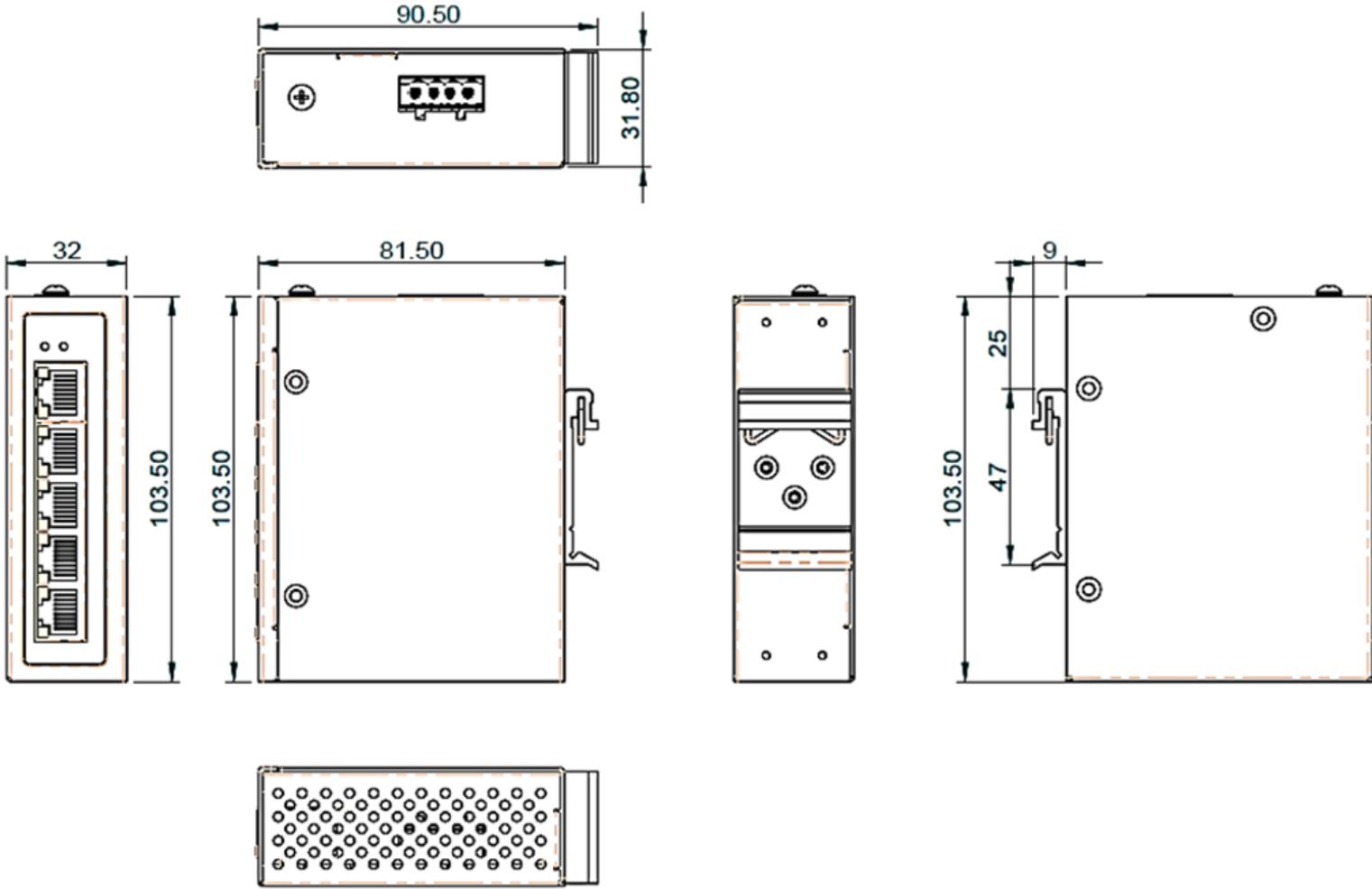
EX41941	4-port 10/100/1000BASE-T PoE + 1-port Gigabit RJ45 Ethernet Switch
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# Hardware Specifications

<b>Interface</b>		+
<b>Ethernet</b>	5 x 10/100/1000BASE-T(X)	
<b>LED Indicators</b>	Per port: Link/Activity Per unit: Power 1, Power 2	
<b>Technology</b>		+
<b>Standards</b>	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+	
<b>Forward/Filtering Rate</b>	14,800pps for 10Mbps 148,810pps for 100Mbps 1,488,100pps for 1000Mbps	
<b>Processing Type</b>	Store-and-forward Auto-negotiation Half-duplex back-pressure and full-duplex flow control Auto MDI/MDIX	
<b>Switch Properties and Performance</b>		+
<b>Switching Fabric</b>	10Gbps	
<b>Jumbo Frame Size</b>	9KB	
<b>MAC Table Size</b>	2K	
<b>Packet Buffer Memory</b>	1Mb	
<b>Power</b>		+
<b>Input</b>	48-56VDC redundant (terminal block)	
<b>Power Consumption</b>	2.24W max @ 48VDC, without PoE	
<b>PoE Power Output</b>	Per Port: Up to 30W/port Power Budget: 120W	
<b>Protection</b>	Reverse polarity protection, Current overload protection	
<b>Physical</b>		+
<b>Casing Material</b>	Metal	
<b>IP Rating</b>	IP30	
<b>Dimensions</b>	1.26" x 3.21" x 4.07" (W x D x H) 32 x 81.5 x 103.5mm	
<b>Weight</b>	1.0lbs (0.45kg)	
<b>Installation Type</b>	DIN-rail or wall/panel mounting	

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

# Dimensions



## Accessories

Power Supplies +  
<https://www.etherwan.com/us/products/power-supplies>