

# EP-0402XV

## 4+2 Port Industrial Unmanaged PoE 2.5G Ethernet Switch with 10G uplink



- 4x 2.5G Ethernet ports with IEEE 802.3at PoE+
- 1x 10G SFP+ Slot
- 1x 10GBASE-T Ethernet ports
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting



### Specifications

#### Technology

- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BaseT
- IEEE 802.3z 1000BaseX
- IEEE 802.3ae 10GBase over Fiber
- IEEE 802.3x Flow Control
- IEEE 802.3af Power over Ethernet
- IEEE 802.3at PoE+

#### Standards

Processing Type      Store and Forward

#### Switch Properties

Switch Fabric	60Gbps
Priority Queues	8
MAC Table Size	4K
Packet Buffer	8Mbits

#### Interface

RJ45 Port      4x 10/100/1G/2.5GT(x) with PoE+,  
1x 100M/1G/2.5G/5G/10GT(x), auto

negotiation speed duplex mode, auto MDI/MDI-X

<b>Fiber Port</b>	1x 10GF(x) SFP+ Slot
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
	<b>Per unit:</b> PWR1, PWR2
<b>LED Indicators</b>	<b>Ports:</b> Link/Active (Green) <b>PoE:</b> Output Power (Amber)

## Power Requirements

<b>Operation Voltage</b>	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended
<b>Connection</b>	1x removable 4-contact terminal block
<b>Power Consumption</b>	0.05A@48VDC without PDs' consumption
<b>PoE Power Budget</b>	120W
<b>Protection</b>	Overload Current Protected, Reverse Polarity Protected

## Mechanical Construction

<b>Enclosure</b>	SECC
<b>Protection Class</b>	IP30
<b>Dimensions</b>	29x140x98 mm (WxHxD)
<b>Weight</b>	0.7 kg

**Mounting** DIN-Rail Mounting

## Environmental Limits

<b>Operating Temperature</b>	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°F ~ 185°F)
<b>Ambient Relative Humidity</b>	5 to 95%, (Non-Condensing)

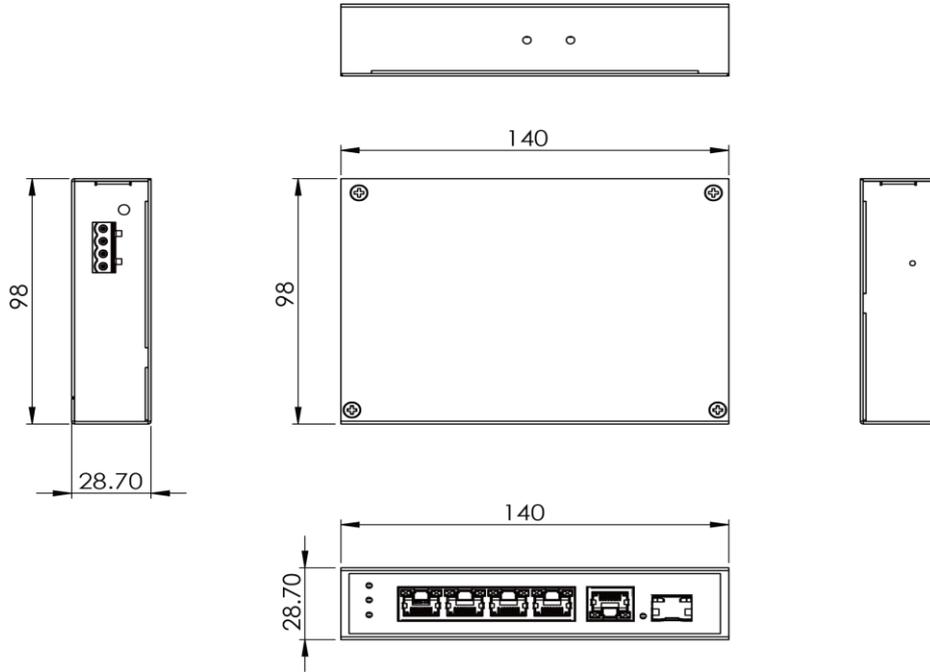
## Regulatory Approvals

<b>EMI</b>	FCC Part 15 Subpart B Class A CE EN 55032 Class A
<b>EMS</b>	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
<b>Free Fall</b>	IEC60068-2-32
<b>Shock</b>	IEC60068-2-27
<b>Vibration</b>	IEC60068-2-6
<b>Green</b>	RoHS Compliant
<b>MTBF</b>	>100,000 hours
<b>Warranty</b>	5 Years

Features with star(\*) implies those are under development.

In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

## Dimensions (unit = mm)



## Ordering Information

4+2 Port Industrial Unmanaged PoE 2.5G Ethernet Switch with 10G uplink

EP-0402XV-T

- 4x 10/100/1G/2.5GT(x) with 30W PSE+
- 1x 100/1G/2.5G/5G/10GT(x) + 1x 10G SFP+ slot
- Operating Temperature: -40°C ~ 60°C (-40°F ~ 140°F)

## Optional Accessories

**NDR-240-48** 240W Industrial DIN-Rail Power Supply, 48VDC (metal case)

**NDR-480-48** 480W Industrial DIN-Rail Power Supply, 48VDC (metal case)