

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

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

Power Requirements

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

Mechanical Construction

Enclosure	SECC
Protection Class	IP30
Dimensions	29x140x98 mm (WxHxD)
Weight	0.7 kg

Mounting DIN-Rail Mounting

Environmental Limits

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

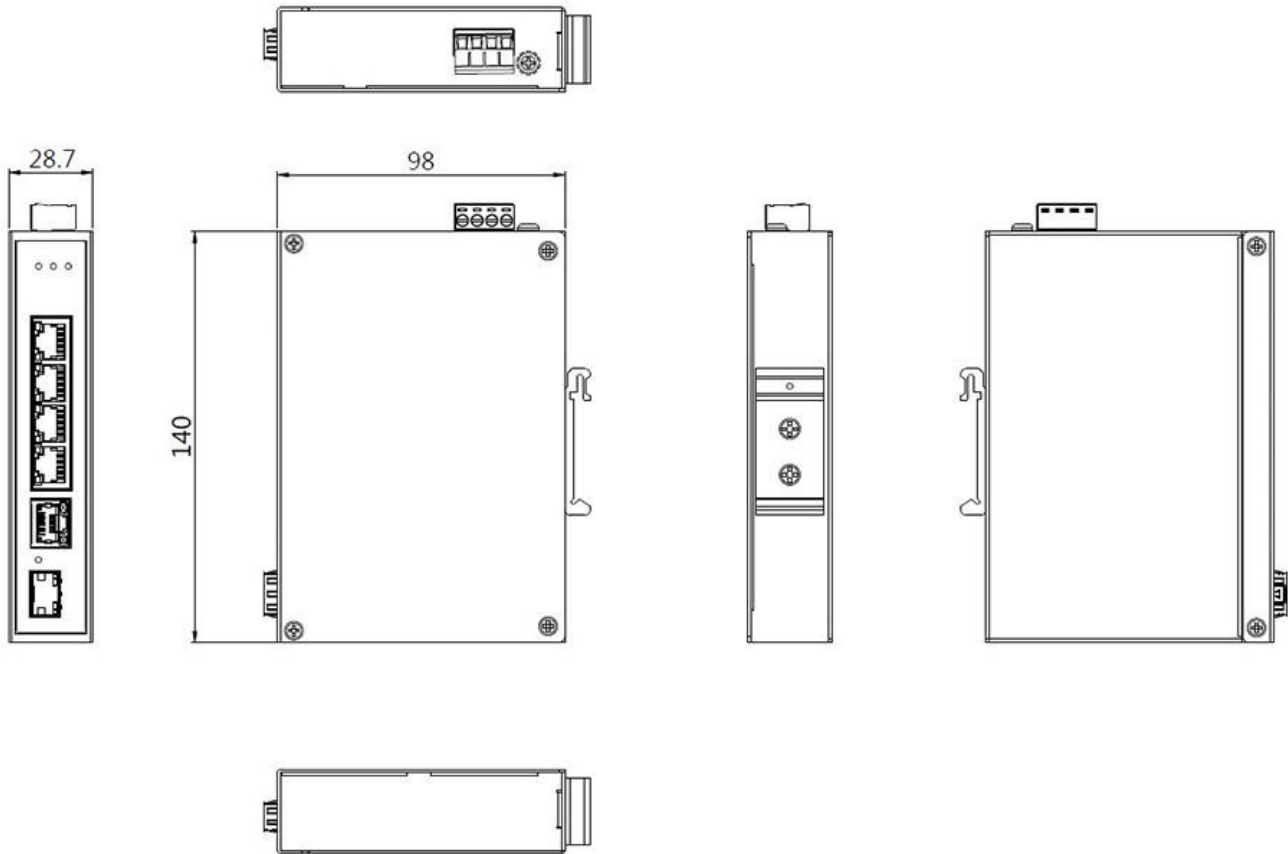
Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	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)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	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

- 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)

EP-0402XV-T

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)