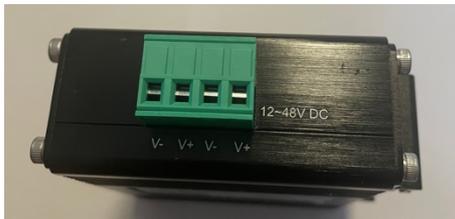


SW-POE-4/1-12V

4 Port PoE Switch with 1 Uplink Port

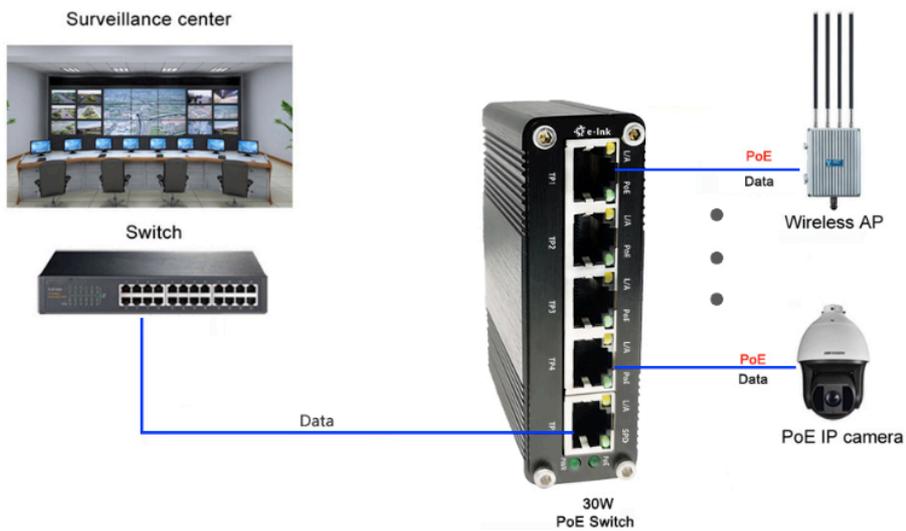
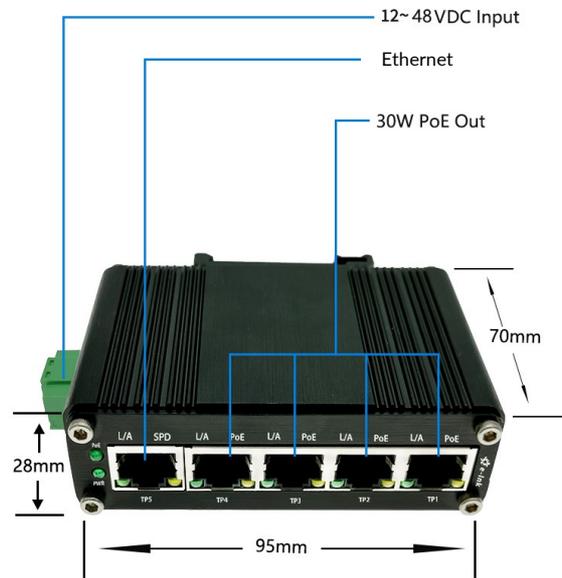
This is a unmanaged miniature industrial 4-Port 10/100/1000BASE-T 802.3at PoE + 1-Port 10/100/1000T Ethernet switch with a wide input voltage range of 12~48VDC. It's vibration and shock resistant, and tolerates a broad range of operating temperatures, making it ideal for harsh environments. This switch complies with CE and FCC standards, and has passed the 100% burning test to ensure that it will fulfill the needs of demanding industrial applications. It is a good choice where an economical solution for industrial Ethernet connections is required, or for CCTV installations where there is only 12VDC available. POWER BOOST SWITCH



FEATURES

- > 5 x 10/100/1000BASE-T ports
- > 5 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports with IEEE 802.3at PoE+ Injector (Port-1 to Port-4)
- > 12~48VDC wide range power input
- > Supports 802.3x Flow control
- > DIN Rail mountable
- > Wall-mount installation
- > Up to 120-watt PoE budget (48VDC), 90-watt PoE budget (24VDC), 60-watt PoE budget (12VDC)
- > Industry standard design, dustproof and close design IP40, rugged high-strength metal case
- > -40°C to 80°C (-40°F to 176°F) operating temperature

INFORMATION



SPECIFICATION

ETHERNET	
Standards:	IEEE 802.3 Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit Ethernet
	IEEE 802.3x Full-Duplex Flow Control
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE 802.3at Power over Ethernet Plus PSE
	IEEE 802.3af Power over Ethernet Plus
MAC Address Table:	8K
Forward & Filtering Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer:	1Mbits
Packet Length:	10Kbytes
Switch Fabric:	10Gbps/non-blocking
Exchange Property	Backplane bandwidth: 20Gbps; Packet forwarding rate: 14.88Mpps
Connectors:	5 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 4 ports with 802.3at PoE+ injector function (Ports 1 to 4)
PoE (Power over Ethernet)	
Standard:	IEEE802.3af/at
Port:	RJ45
PoE:	Max 30W per port
Power Pin Assignment:	4/5(+), 7/8(-)
PoE Budget:	Up to 120-watt PoE budget (48VDC) 90-watt PoE budget (24VDC) 60-watt PoE budget (12VDC)
Environmental	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF:	> 200,000 hrs
Electrical and Mechanical	
Input Power:	12~48VDC (Terminal Block)
Power Consumption:	<125W (Non-PoE<6W)
Power Input Overload:	Automatic Resettable Breaker
Reverse Polarity:	Protection Present
Dimensions (WxDxH)	95 x 70x 29mm
Weight:	225g
Casing:	Aluminium Case
Mounting:	DIN RAIL / WALL MOUNT
Regulatory Approvals:	ISO9001 EN55022:2010+AC: 2011, Class A EN 61000-3-2: 2006+A1: 2009+A2: 2009 EN 61000-3-3: 2013 EN55032:2017 IEC 61000-4-2: 2008 (ESD) IEC 61000-4-3: 2010 (RS) IEC 61000-4-4: 2012 (EFT) IEC 61000-4-5: 2014 (Surge) IEC 61000-4-6: 2013 (CS) IEC 61000-4-8: 2009 (PFMF)