

PTU-0802-2C

8-Port Industrial PoE+ Ethernet Switch

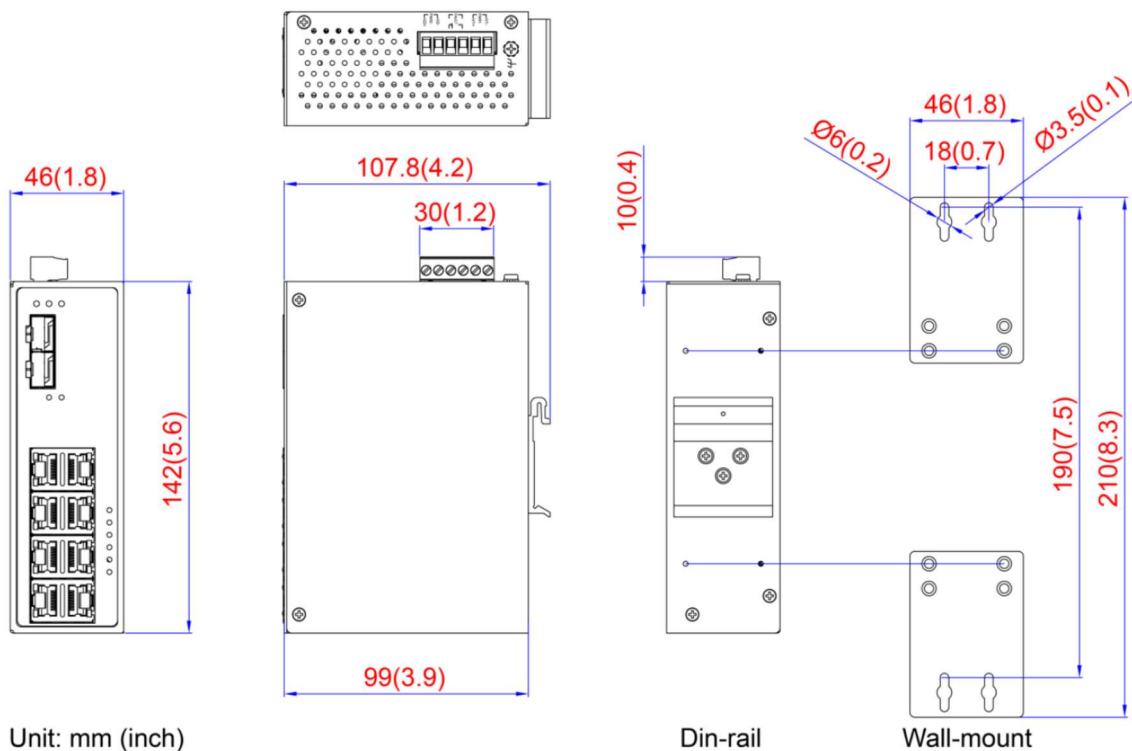
6*10/100Tx + 2*Gigabit Combo Ports (2*10/100/1000Tx and 2*100/1000 SFP Slot)



- 6-port 10/100Tx Ethernet with IEEE 802.3at Compliant PoE+
- 2-Gigabit Combo Ports (2*10/100/1000Tx and 2*100/1000 SFP Slot)
- Redundant Power Input Design
- Built-in Relay Output Warning for Power Failure
- IP30 Rugged Metal Case Design
- DIN-Rail Mounting, Wall Mounting
- Operating Temperature Range - STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C



Dimensions



Unit: mm (inch)

Din-rail

Wall-mount

Ordering Information

PTU-0802-2C	8-Port Industrial PoE+ Ethernet Switch, 6*10/100Tx with PoE-PSE (30W/Port) + 2*Gigabit Combo Ports (2*10/100/1000Tx and 2*100/1000 SFP Slot), 48-55VDC, -10°C ~ 65°C
PTU-0802-2C-T	8-Port Industrial PoE+ Ethernet Switch, 6*10/100Tx with PoE-PSE (30W/Port) + 2*Gigabit Combo Ports (2*10/100/1000Tx and 2*100/1000 SFP Slot), 48-55VDC, -40°C ~ 75°C

Technology

Standards	IEEE 802.3 10BaseT Ethernet, IEEE 802.3u 100BaseTX Fast Eth., IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000Base-X Gigabit Fiber, IEEE 802.3af/at Power over Eth.
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control

Switch Properties

Back-Plane (Switching Fabric)	5.2 Gbps
Memory Buffer	4 Mbits
Jumbo Frame	9.6 Kbytes
MAC Table Size	8K
Transfer Rate	14,880pps for Ethernet Port, 148,800pps for Fast Eth., 1,488,000pps for Gigabit Eth.

Interface

RJ45 Ports	6*10/100 Base-T(X) with 6* PoE+, Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alternative A)
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot
Wavelength	Depends on SFP modules
LED Indicators	System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting SFP: Link/Active PoE: On-connected to PD devices
Relay Contact	24 VDC, 1A resistive
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)

Power Requirements

Input Voltage	Dual 48-55VDC redundant power inputs
Power Connection	1 removable 6-contact terminal block
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
System Power Consumption	Max. 12 W full loading
PoE Power Output	30 W max. per PoE port
Max. PoE Power Budget	180 W

Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions (W x H x D)	46 x 142 x 99 mm
Weight	Unit weight: 0.78kg, Shipping weight: 0.962kg
Mounting	DIN-Rail Mounting, Wall Mounting

Environmental Limits

Operating Temperature	STD: -10°C ~ 65°C (14°C ~ 149°F), EOT: -40°C ~ 75°C (-40°C ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°C ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2 Class A: 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, Vibration	IEC60068-2-27, IEC60068-2-6
Green	RoHS Compliant
CE	Yes
UL	UL61010-1, UL61010-2-201
Warranty	5 Years