

IPES-0005T-4

5 10/100TX with 4 PoE Injector Industrial Switch



Features:

- System Interface/Performance
 - RJ-45 port support Auto MDI/MDI-X Function
 - Embedded 4-port PoE Injector Function
 - Store-and-Forward Switching Architecture
 - Back-plane (Switching Fabric): 1.0Gbps
 - 448Kbits Memory Buffer
 - 2K MAC address table

Support Wide Operating Temperature (-40°C~75°C)

- Case/Installation
 - IP-30 Protection
 - DIN Rail and Wall Mount Design
- Power Supply
 - DC 48V Redundant Power
- Provides EFT protection 3000 VDC for power line
Supports 6000 VDC Ethernet ESD protection

Ordering Information

· IPES-0005T-4.....P/N:8350-910

5 10/100TX w/4 PoE Injector Industrial Switch; -10 C to 60C

· IPES-0005T-4-E.....P/N:8350-916

5 10/100TX w/4 PoE Injector Industrial Switch; w/Wide Operating Temperature (-40°C~75°C) Industrial Switch

Lantech IPES-0005T-4 Industrial PoE switch is designed with four unique hardware features: 1. Enclosed with a DC power jack cable to connect with AC/DC power adapter. 2. Built-in 4port PoE injectors 3. Relay contact to connect with alarm system in case of power or port failure. 4. Wall-mountable or DIN rail mountable.

Lantech's Industrial Switch series are designed to meet with critical network environment with IP 30 enclosure and test under extensive Industrial EMI and Safety standards. IPES-0005T-4 supports EFT protection for 3000VDC power and 6000VDC Ethernet ESD protection.

Lantech IPES-0005T-4 is a 5 x 10/100TX with 4 PoE injector function Industrial PoE Switch for plug-and-play installation. Lantech Industrial Switch's relay contact to Alarm system can immediately notify of Power failure event.

Lantech IPES-0005T-4 is the best Industrial switch to connect with IP Camera, Wireless Equipments which are placed in outdoor or tight space cabinet.

Specification:

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet IEEE802.3x Flow Control and Back Pressure IEEE802.3af Power over Ethernet
Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps Packet throughput ability (Full-Duplex): 1.488Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
MAC Address	2K MAC address table
Connector	10/100TX: 5 x RJ-45 with auto MDI/MDI-X function Support 4 PoE injector function
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)
PoE PIN assignment	RJ-45 port #1 - #4 support IEEE 802.3af End-point; Alternative A mode. Positive (VCC+): RJ-45 pin 1,2 Negative (VCC-) : RJ-45 pin 3,6 Data (1,2,3,6)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2(Green),Fault(Red) Per port: Link/Activity (Green), Full duplex/Collision (Yellow)
Power Consumption	3.4 Watts (without PoE); 57 Watts (Full load with PoE)
Overload current protection	Present
Case Dimension	Metal case,IP-30; 30mm(W)x95mm(D)x140mm(H)
EMI	FCC Class A, CE EN61000-4-2(ESD), CE EN61000-4-3(RS), CE EN-61000-4-4(EFT), CE EN61000-4-5(Surge), CE EN61000-4-6(CS), CE

	EN61000-4-8, CE EN61000-4-11, CE EN61000-6-2, CE EN61000-6-4
Safety	UL, cUL, CE/EN60950-1
Stability Testing	IEC60068-2-32(Free fall), IEC60068-2-27(Shock), IEC60068-2-6(Vibration)
Power Supply	DC 48V, Redundant power with polarity reverse protect function and removable terminal block

*Future Release

**Optional