

4x10/100TX PoE+ 1x10/100TX Industrial PoE Ethernet Switch



Benefits

<ul style="list-style-type: none"> ■ System Interface/Performance <ul style="list-style-type: none"> ➢ 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) 	<ul style="list-style-type: none"> ■ Case/Installation <ul style="list-style-type: none"> ➢ IP-30 Protection ➢ DIN Rail and Wall Mount Design
<ul style="list-style-type: none"> ■ Power Supply <ul style="list-style-type: none"> ➢ DC 48V Redundant Power 	<ul style="list-style-type: none"> ■ Provides EFT protection 3000 VDC for power line ■ Supports 6000 VDC Ethernet ESD protection

Standard Compliance

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE802.3x Flow Control and Back Pressure IEEE802.3af Power over Ethernet
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Hardware Specification

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
Memory Buffer	448Kbits
MAC Address	2K
Connector	10/100TX: 5 x RJ-45 with auto MDI/MDI-X function; Support 4 PoE injector function
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)
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)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Red) Per port: Link/Activity (Green), Full duplex/Collision (Yellow) PoE: Feeding Power (Green)

Overload current protection	Present (Support PIFE-401A)
Power Supply	DC 48V Redundant Power
Power Consumption	3.4Watts (without PoE); 57Watts (Full load with PoE)
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	Standard: -10℃~60℃, Wide Operating Temperature: -40℃~75℃
Storage Temperature	-40℃~85℃
Case Dimension	Metal case. IP-30, 30mm (W) x 95mm (D) x 140mm (H)
Installation	DIN Rail and Wall Mount Design
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)

Order Information

Part Number	Product Family	Description
26 P670 100E	DragonLine	4x10/100TX w/ 4 PoE Injector + 1x10/100TX Industrial Ethernet Switch Wide Operating Temperature (-40℃~75℃)