

4x10/100TX + 1x10/100FX 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 ➢ 1K MAC Address Table 	<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 ➢ Overload Current Re-settable Fuse Present 	<ul style="list-style-type: none"> ■ Provides EFT protection 3000 VDC for power line ■ Supports 4000 VDC Ethernet ESD protection

Standard Compliance

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
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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
MAC Address	1K MAC address table
Connector	10/100TX: 4 x RJ-45 with auto MDI/MDI-X function; Support PoE injector function 100M fiber: 1 x SC type connector for Singlemode or Multimode type fiber cable
PoE pin assignment	RJ-45 port # 1~# 4 support IEEE 802.3af End-point, Alternative B 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)
Optical Fiber	Multimode: 50/125µm~62.5/125µm Singlemode: 9/125µm Available distance: 2km (Multimode) / 30km (Singlemode) Wavelength: 1310nm (Multimode/Singlemode)

Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Red) Fiber: Link/Active(Green) TX: Link/Active(Green), Full duplex/Collision (Yellow) PoE: Feeding Power (Green)
Overload current protection	Present
Power Supply	DC 48V Redundant Power
Power Consumption	4.6Watt (without PoE); 58Watt (Full load with PoE)
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
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 P470 201	DragonLine	4x10/100TX + 1x100FX Industrial Ethernet Switch(PoE/SC/MM/2km)
26 P470 251	DragonLine	4x10/100TX + 1x100FX Industrial Ethernet Switch(PoE/SC/SM/10km)