

8x10/100TX Industrial Ethernet Switch



Benefits

■ System Interface/Performance ➢ RJ-45 port support Auto MDI/MDI-X Function ➢ Store-and-Forward Switching Architecture ➢ Back-plane (Switching Fabric): 1.6Gbps ➢ 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 ➢ Wide-range Redundant Power Design ➢ Power Polarity Reverse Protect ➢ Overload Current Re-settable Fuse Present	■ Provides EFT protection 3000 VDC for power line
■ Provides broadcast storm protection	■ 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
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Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 1.6Gbps Packet throughput ability (Full-Duplex): 2.38Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
Memory Buffer	448Kbits
Mac Address	2K MAC address table
Connector	10/100TX: 8 x RJ-45 with auto MDI/MDI-X 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)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault (Red) Per port: Link/Active (Green), Full duplex/Collision (Yellow)
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	12~48 VDC or 18~30 VAC, Redundant power with polarity reverse protect function and removable terminal block

Power Consumption	4.71 Watts
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	Standard: -10°C~60°C; Wide Operating Temperature: -40°C~75°C
Storage Temperature	-40°C~85°C
Case Dimension	Metal case. IP-30, 25mm (W) x 95mm (D) x 130mm (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 EN61000-4-12, 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
26870200	DragonLine	8x10/100TX Industrial Ethernet Switch
26870200E	DragonLine	8x10/100TX Industrial Ethernet Switch Wide Operating Temperature (-40°C~+75°C)

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