

8x10/100TX Industrial Ethernet Switch (Slimline)



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 ➤ 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) 	<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"> ➤ Wide-range Redundant Power Design ➤ Power Polarity Reverse Protect ➤ Overload Current Re-settable Fuse Present 	<ul style="list-style-type: none"> ■ Provides EFT protection 3000 VDC for power line
<ul style="list-style-type: none"> ■ Provides broadcast storm protection 	<ul style="list-style-type: none"> ■ 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 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable
Network 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 Watt

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
26 870 200	DragonLine	8x10/100TX Industrial Ethernet Switch
26 870 200E	DragonLine	8x10/100TX Industrial Ethernet Switch Wide Operating Temperature (-40°C~+75°C)