

8x10/100/1000TX Industrial Gigabit 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): 16Gbps ➢ 136Kbits Memory Buffer ➢ 8K MAC Address Table ➢ 9Kbytes Jumbo Frame ➢ 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 IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T IEEE802.3x Flow Control and Back Pressure
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Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 16Gbps Packet throughput ability (Full-Duplex): 23.8Mpps @64bytes 14,880pps for Ethernet port
Transfer Rate	148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Fiber Ethernet port
Memory Buffer	136Kbits
MAC Address	8K MAC address table
Jumbo Frame	9Kbytes
Connector	10/100/1000T: 8 x RJ-45
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), Speed (1000Mbps Green)
Reserve polarity protection	Present

Overload current protection	Present
Power Supply	12~48 VDC Redundant power with polarity reverse protect function and removable terminal block
Power Consumption	7.79 Watts
Operating Humidity	5%~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, 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 EN61000-4-12, 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 1870 200	DragonLine	8x10/100/1000TX Industrial Gigabit Ethernet Switch
26 1870 200E	DragonLine	8x10/100/1000TX Industrial Gigabit Ethernet Switch Wide Operating Temperature (-40°C~+75°C)

