

IES-U080T 8 x 10/100TX RJ45 Industrial Switch

LCSI



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	DC 12~48V, Redundant power with polarity reverse protect function and removable terminal block
Power Consumption	3.84 Watts max. @ 12V _{DC}
Operating Humidity	5% to 95% (Non-condensing)

Operating Temperature	IES-U080T: -10°C ~60°C ; IES-U080TE: -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 EN61000-6-2, 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

Product Name	Description
IES-U080T	8 10/100TX Industrial Switch -10°C ~60°C Industrial Ethernet Switch
IES-U080TE	8 10/100TX w/ Wide Operating Temperature (-40°C ~75°C) Industrial Ethernet Switch