

16-port 10/100BASE-TX Industrial Unmanaged Ethernet Switch, Model IES 1160 DC Y



IES 1160 DC Y is a hardened 16-port Industrial Ethernet Switch, providing non-blocking performance in harsh industrial environment. It provides 16-port 10/100BASE-TX RJ45 Copper interfaces delivered in an IP40 rugged, DIN mounted strong case. Its slim case is suitable for such applications as Surveillance systems, Control management, Traffic monitoring services in climatically demanding environments with wide temperature range from -40°C to 80°C

It also offers Dual-Redundant, reverse polarity protected 12V DC to 52V DC power supply inputs for high availability applications.

Specifications :

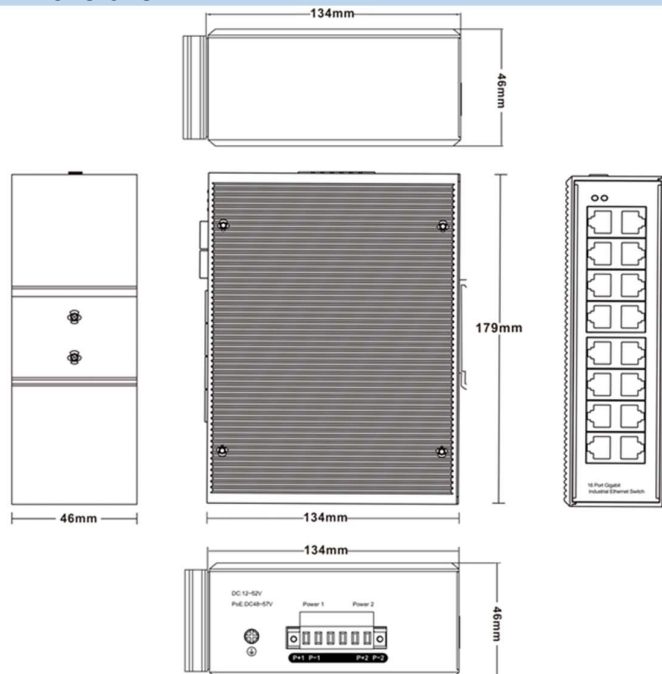
10/100BASE-TX Port	16 port RJ-45 Auto-MDI / MDI-X, Auto Negotiation
Performance Specification	Bandwidth : 3.2Gbps Packet Buffer Memory : 4Mbit Packet Forwarding Rate : 2.4Mpps MAC Address Table : 8K
Installation	DIN rail
Maximum Frame Size	2000bytes packet size
Flow Control	Back pressure for Half duplex, IEEE 802.3x for Full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power : Red Ethernet : Yellow
Power Input	12 to 52V DC Redundant power
Power Consumption	10 Watts max
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T IEEE802.3i 10Base-T IEEE802.3u;100Base-TX IEEE802.3x
Network cables	10BASE-T : Cat3,4,5 UTP(≤100 meter) 100BASE-TX : Cat5 or later UTP(≤100meter)
Industry Standards tested for	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A EMS : IEC(EN)61000-4-2(ESD) : ±8Kv contact discharge, ±12kV air discharge IEC(EN)61000-4-3(RS) : 10V/m(80 to 1000MHz) IEC 61000-4-4 (EFT), Power cord ±4kV Data cable :±2kV IEC 61000-4-5 (Surge), Ethernet port ±4kV CM//±2kV DM IEC(EN)61000-4-6(RF conduction) : 3V(10kHz to 150kHz),10V(150kHz to 80MHz)

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	IEC(EN)61000-4-16(common conduction) : 30V cont. 300V,1s IEC(EN)61000-4-8 Shock : IEC 60068-2-27 Free fall : IEC 60068-2-32 Vibration : IEC 60068-2-6
MTBF	> 300,000hours
Dimensions (W x D x H)	175.6 x 135 x 45.5 mm
Weight	Product Weight : 0.9KGS Packing Weight : 1.0KGS
Working Environment	Working temperature : -40°C to 80°C Storage temperature : -40°C to 80°C Relative Humidity : 5%~95 %(no condensation)

Dimensions



Ordering Code : IES 1160 DC Y

IES 1160 : 16 Port, All Copper, 10/100M Industrial Ethernet Switch
 DC : DC Operated
 Y : Fixed