P/N : ITT-SW041

Ethernet Switch
8 port Ethernet PoE - 2 SFP Modules

Introduction	Image
This managed industrial Ethernet switch is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment. The switch complies with CE and FCC standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.	

Properties	
Standard	IEEE 802.3 10 Base-T and IEEE 802.3u 100 Base-TX, IEEE802.3z, IEEE802.3ab
Topology	STAR
Number of Ports	8x 10/100/1000-TX ports 2 SFP Modules
Transmission Rate	TP: 10/100/1000 Mbps
Switching mode	Store and Forward
LED Indicator	LED status of Link, activity, Full/half duplex, speed, and power on diagnostic function
Speed	Twisted-pair: 10/20Mbps for half/full-duplex 100/200Mbps for half/full duplex 2000Mbps for full-duplex
Power supply	AC:220V or DC:-48V
Temperature	-20℃ to 70℃ ~ -40℃ to 75℃
Humidity	5% to 95% RH

Physical Characteristics

Housing: Aluminum Alloy material with IP40 Protection

Dimension: 138mm(L) X 112mm(W) X 60mm(H)

Weight: 710g

Installation: Din-Rail mounting, Wall mounting

Features & Benefits

8 10/100Base-T(X) ports and 2 1000Base-X ports

"OP-Ring" (recovery time<20ms), RSTP/STP, and MSTP for network redundancy

SNMPv3, ieee802.1X, HTTPS and SSH to enhance network security

Port-based VLAN, IEEE802.1Q VLAN and GVRP to ease network planning

DHCP Option 82 for IP address assignment with different policies

Ethernet/IP and Modbus/TCP industrial Ethernet protocol supported

Bandwidth management prevents unpredictable network status

RMON for efficient network monitoring and proactive capability

Lock port allows access by only authorized MAC addresses

Port mirroring for online debugging

Automatic warning by exception through email, relay output

QoS and ToS/DiffServ for flow control and management

IEEE 802.3ad, LACP for optimum bandwidth utilization

Configurable by CLI for advanced management function

-40℃-85℃ operating temperature range