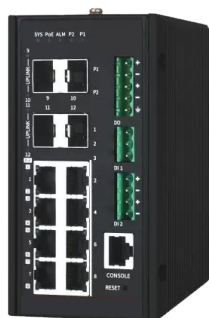


ICS-I100

Preliminary

Industrial 12-port GbE Managed PoE Switch with 4 GbE SFP Uplinks



Features

- Operating temperature 40°C ~ 75°C
- Support IEEE 802.3at/af PoE
- Support ERPS Ring failover protection
- Support Spanning Tree Protocol STP/RSTP/MSTP
- Support IPv6 manageable
- Support Jumbo frames
- DIN rail mounted

Preliminary Specifications

Network Resilience

IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP	
LACP	Static trunk

Ethernet

Interface	4x 100FX/GbE SFP 8x 10/100/1000BASE T (RJ45)
Speed	10/100/1000 Mbps

I/O Interface

Reset Button	1x Reset button
Serial	1x RJ45 console port
Power in	1x 5-pin terminal block for power in
DIO	1x 3 pin terminal block for DO 1x 4 pin terminal block for DI

Protocols & Security

Port based VLAN
IEEE 802.1ab Link Layer Discovery Protocol (LLDP)
IEEE 802.1p QoS, IGMP snooping, Port based traffic shaping
IP and MAC based access control
IEEE 802.1X authentication Network Access Control
Multicast, Broadcast, Flooding Storm Control
DoS, Dynamic ARP Inspection, DHCP Snooping, IP Source Guard

Management

Web based Management, HTTP/HTTPS, Console, CLI, Telnet, SSH
SNMP v1, v2c, v3, Syslog
HTTP/TFTP firmware upgrade
SNTP
PoE scheduling, power control

Environmental Parameters

Operating Temperature	-40°C~75°C
Storage temperature	40°C ~ 85°C
Humidity (RH)	10 to 95% RH EMC Class A

System Dimensions

WxHxD	134 x 124 x 73 mm
Weight	1000g
Mounting	DIN rail & Wall mounted, IP40

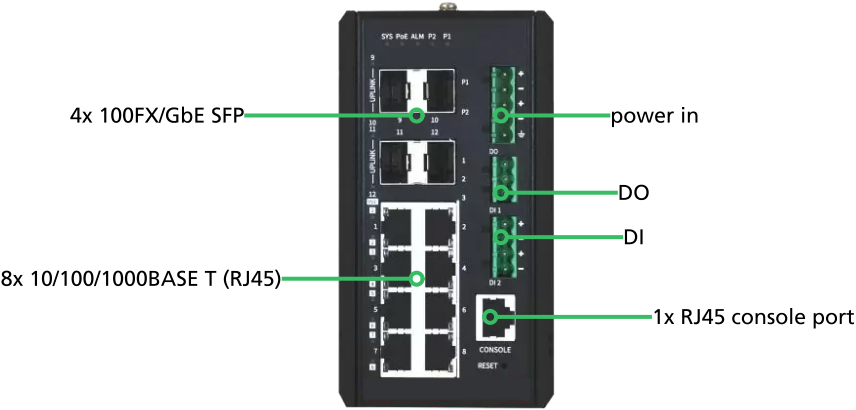
Power

Power Consumption	13W
Input	48V~57VDC , 4.95A (Max)
PoE Power Budget	240W

Certification

EMC	CE/FCC class A & UKCA, MTBF
Safety	ETL EN62368, EN61000 4-2, EN61000 4-3, EN61000 4-4, EN61000 4-5, EN61000 4-6, EN61000 4-8
Shock	IEC60068-2-27
Freefall	IEC60068
Vibration	IEC60068

Product I/O View



Dimensions (WxHxD): 134 x 124 x 73 mm

