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Phone : +91-20-27293455, 9764027070, 8390069393 Connecting. Converting. Leading !
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10 Port Managed Industrial Ethernet Switch, IESM S 306-2F, 304-4F, 308-2FG

Features



- Data control supports 802.3X full-duplex flow control, Broadcast storm
- Redundant network supports STP/RSTP/MSTP and proprietary A Ring
- Multicast management supports IGMP Snooping V1/V2/V3
- VLAN supports IEEE 802.1Q VLAN
- Link aggregation supports link static/dynamic aggregation
- QOS supports COS, DSCP, 4 queues, WRR, SP control mode
- Safety management supports ACL, 802.1X, user level management
- Management supports CLI, WEB, SNMP
- Supports Port mirroring, Port status monitoring, Log management
- Support high recovery speed proprietary Ring protocol with 256 nodes
- Supports transmission rate port limitation, broadcast/multicast/uncertain unicast storm control
- Alarm Relay for Power loss, Port fault

Overview

IESM S 30XX series are managed industrial Ethernet switches. It supports up to 8 Ethernet ports, upto 4 of 100FX fiber ports & upto 2 Giga Fiber ports. It supports 1 console port, provides CLI management; and it supports industrial field Ethernet layer 2 protocol. This switch is low power consumption. The fanless design prevents it from noise interference. The operating temperature range is from -40 to 85°C and together with EMC compatibility, it makes the switch works stable under poor environment which provides safe and reliable solution for all industrial automation needs.

Specification

Standards & Protocols

Standards : IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z, IEEE802.1Q,
IEEE802.1p, IEEE802.1s, IEEE802.1D, IEEE802.1W
Protocol : ICMP, TCP, HTTP, Telnet, A-Ring, STP/RSTP, SNMP, LLDP,
IGMP-Snooping, GMRP
Flow control : IEEE802.3x flow control, back pressure flow control

Ports

RJ-45 ports : Upto 8 of 10/100Base-T(X), Auto MDI/MDI-X
Fiber port : Upto 4 of 100Base-FX (SC/FC/ST)
 : Upto 2 1000FX Fiber ports (SC/ST/FC)

Transmission Distance

Cat. 5e : 100m

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Fiber

Single-mode : 1310nm 20/40/60Km
 1550nm 20/40/60/80/100/120Km
Multi-mode : 1310nm 2Km

Switching Performance

Forwarding rate:
100M ports : 148,810pps
1000M ports : 1,488,095pps
Transmission mode : Store-and-forward
MAC address buffer : 8K
Switching bandwidth : 5.6G

Power Supply

Voltage input : Dual 12 to 48VDC (10.8~52.8VDC) as Default
Optional : Dual 88 to 264V AC/DC

Power Consumption

Full load : <15W

Mechanical Characteristics

IP rating : IP40
Installation : DIN-Rail

Dimension

Size : 150 mm*70mm*100mm (H*W*D)

Environment

Operating temperature : -40°C to 85°C
Storage temperature : -40°C to 85°C
Relative humidity : 0~95% (non-condensing)

Industrial Standards tested for

EMI:

FCC Part 15 , CISPR (EN55022) class A

EMS:

IEC(EN) 61000-4-2(ESD), Level 3
IEC(EN) 61000-4-3(RS), Level 3
IEC(EN) 61000-4-4(EFT), Level 3
IEC(EN) 61000-4-5(Surge), Level 3
IEC(EN) 61000-4-6(CS), Level 3
IEC 60068-2-27(Shock)
IEC 60068-2-32(Freefall)

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Ordering Model Code : IESM S 30*-*F-XX00-YY-Z

Model	10/100 Base T Ports	100 Base FX Ports	1000 Base FX Ports
IESM S 306-2F-XX00-YY-Z	6	2	
IESM S 304-4F-XX00-YY-Z	4	4	
IESM S 308-2FG-XX00-YY-Z	8		2

XX : Fiber type

MM for Multimode, SM for Singlemode. Singlemode is by default

00 : Fiber distance. 20Km by default

YY : Fiber Connector

SC for SC Connector, ST for ST Connector, FC for FC Connector

Z : Input Supply

: DC for 12/24/48V. DC is by default
: AC for 110/220V AC/DC

Dimension

