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Phone : +91-20-27293455, 9764027070, 8390069393 Connecting. Converting. Leading !
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16/20/24/28 port Rack type Giga Managed Ethernet Switch, IESMGR S Series

Feature



- Supports multiple combination for Gigabit Ethernet and Fiber ports
 - Support 8 Giga Combo Ports
 - Supports IGMP Snooping with multicast packets
 - Supports port-based VLAN, IEEE 802.1Q VLAN
 - Supports QoS (IEEE 802.1p/1Q) and TOS / DiffServ
 - Supports STP/RSTP, SNMPv1/v2/v3
- RMON to improve network monitor forecast
 - Supports Link Aggregation, improve network bandwidth
 - Supports ACL, enhance network management safety
 - Support Port mirroring, convenient for online debug
 - Supports Transmission rate of port limitation, broadcast/multicast/uncertain unicast storm relieving
 - Support RADIUS for console access restriction and authentication
 - Supports Layer 3 switching (static route/Rip/OSPF/VRRP) with upto 30 Switches under it
 - Supports Power, Port, Temperature abnormal status and Ring disconnect relay output alarm

Overview

IESMGR series are full Gigabit Managed Industrial Ethernet switches. It supports up to 28 Gigabit ports, which included 12 Gigabit fiber ports. It supports 8 Giga Combo Ports. This series supports port mirroring, VLAN, IGMP, QoS, STP/RSTP, ACL and other management, such as Console, Telnet, Web, SNMP, and Relay alarm output. It supports layer 3 switching technology (static route/Rip/OSPF/VRRP). This provides safe and reliable solution for industrial automation, intelligent transportation, video monitoring, and other Industrial application

Specification

Standards & Protocols

Chipset : Broadcom or better

Standards : IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z, IEEE802.3ab, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W, IEEE802.1s, IEEE802.3ad

Protocol : ICMP, TCP, HTTP, Telnet, STP/RSTP, SNMP, LLDP, IGMP-Snooping, DHCP Server, NTP, RMON, Syslog

Flow control : IEEE802.3x Flow control, Back Pressure flow control

Layer 3 switching : Static route, RIP V1/V2, OSPF, VRRP, supports Router Redundancy

IPv6 Support : Limited functionality: Forward/Transmission of IPv6 packets/message and IPv6 addressing architecture with default address selection for IPv4. Set IPv6 IP address

Ports

RJ-45 port : 10/100/1000Base-T (X), Auto MDI/MDI-X

Fiber port : 1000Base-FX (SC/FC/ST/SFP)

Giga Combo Ports

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Transmission Distance

Cat.5e : 100m

Fiber Cable

Single-mode : 1310nm, 20/40/60Km. 1550nm, 20/40/60/80/100/120Km

Multi-mode : 1310nm, 2Km

Switching Performance

Forwarding rate : 100M : 148,810pps
: 1000M : 1,488,095pps

Transmission mode : Store-and-forward

MAC address buffer : 16K

Switching bandwidth : 56G

Latency : < 10 μsec

DRAM : 1G

FLASH : 64M

Power Requirement

Voltage input : Single 110/220V AC (88 to 264VAC) and 110/220V DC (88 to 264V DC) or
: Dual 110/220V AC, (88 to 264V AC) and 110/220V DC (88 to 264V DC)
: 50 to 60 Hz for AC Input

Power Port Insulation : 2KV

Reverse Polarity Protection : Yes

Power Consumption

Rated power : <30W

Mechanical Characteristics

IP rating : IP40

Weight : <4440g

Installation : Rack mounted

Dimension

Size : 440mm×44mm×315mm (W×H×D)

Environment

Operating temperature : -40°C to 85°C

Storage temperature : -40°C to 85°C

Relative humidity : 0 to 95% (non-condensing)

Industrial Standards tested for

EMI: FCC Part 15, CISPR (EN55022)

class A

EMS:

IEC(EN)61000-4-2(ESD), Level 4

IEC(EN)61000-4-3(RS), Level 3

IEC(EN)61000-4-4(EFT), Level 4

IEC(EN)61000-4-5(Surge), Level 4

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 : IESMGR S 30XX-XS-U-A

Model	10/100/1000 Base T Ports	Giga Combo. 10/100/1000TX or 1000X SFP	1000 Base FX SFP Ports
IESMGR S 308-8S-U-A	8		8
IESMGR S 3016-U-A	16		
IESMGR S 3016-4S-U-A	16		4
IESMGR S 3016-8S-U-A	16		8
IESMGR S 3016-12S-U-A	16		12
IESMGR S 3016-8GC-4S-U-A	16	8	4
IESMGR S 3024-U-A	24		
IESMGR S 3024-4S-U-A	24		4

- IESMGR** : Base code for Giga Managed Rack type Switch
- S** : For Internal Use
- 30XX** : XX = Ethernet ports.
- XS** : XS is no's of SFP Ports.
- 8GC** : Only if Giga Combo option is selected
- U** : Universal AC/DC Supply.
- A** : S for Single Input. D for Dual Redundant Input Supply

