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Phone : +91-20-27293455, 9764027070, 8390069393 Connecting. Converting. Leading !
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IPSMGR 3016-2S, 19" Rack-mount L2 Managed Switch with PoE

Features



- 16 x Gigabit RJ-45 ports + 2 x Gigabit SFP ports (Combo)
- 16 x Gigabit RJ-45 supply IEEE802.3af & IEEE802.3at Standard PoE
- SNMP, WEB, Telnet, SSH, Console, Standard & private

MIB

- Support standard IP/ Extend IP / MAC IP / ARP ACL
- 802.1x (Port-Based, MD5/TLS/TTLS/PEAP Encryption)
- EAPS (ultra high-speed recovery time < 20 ms), RSTP/STP/MSTP
- 250W PoE budget
- L2 MAC Address 8K, Switching capacity 48G
- Power Out alarm
- IP30, metal enclosure with Rack-mounting kits
- 100 to 240VAC input and relay output
- -20 to 60°C wide-range operating temperature

Introduction

The IPSMGR 3016-2SG series are designed for Industrial applications. Thanks to its wide operating temperature it can operate reliably in extremely harsh environments. Designed with 16 Gigabit ports and 2 Gigabit SFP ports (Combo), it provides abundant and flexible connection. It contains surge protection to ensure system stability and relay outputs for greater user flexibility.

Communications

Standard : IEEE 802.3, 802.3u, 802.3x, 802.3z, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1X, 802.3ad, 802.3ab
LAN : 10/100/1000Base-T (X), 1000Base-SX/LX/LHX/XD/ZX/EZX
Distance : Ethernet: Up to 100 m (4 wire Cat.5e, Cat.6 RJ45 cable suggested for Gigabit port)
SFP: Up to 110 km (depends on SFP)
Transmission Speed Ethernet: 10/100 Mbps Auto-Negotiation
Gigabit Copper: 10/100/1000 Mbps, Auto-

Negotiation
Gigabit Fiber: Up to 1000 Mbps

Interface
Connectors : 16 x RJ45 (Ethernet)
2 x SFP Ports (Combo)
3-pin removable screw terminal (Power)
2-pin removable screw terminal (Relay)
LED Indicators : RJ-45: Link/Activity
SFP: Link/Activity, PoE: On/Off
Console : RS-232 (RJ45)

Mechanism

Enclosure : IP30, metal shell with Rack-mounting kits
Dimensions : 442 x 44 x 352 mm
Mounting : 1U, 19" Rack mount

PoE load)
Power Input : 90 to 264VAC / 88 to 370VDC
Fault Output : Relay Outputs

Power

Power Consumption : 15 W @ 110VAC (no

Protection
Surge protection : Power: CM / DM 8/20us 3KA
RJ45: CM / DM 10/700us 6KV

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Reverse Polarity : Present
Overload Current : Present

Storage Temperature : -20 to 70°C
Operating Humidity : 10 to 95% (non-condensing)
Storage Humidity : 10 to 95% (non-condensing)

Environment
Operating Temperature : -20 to 60°C

Certification tested for

Safety	CE-LVD	EN 61000-4-6
EMI	CE FCC EN55022 Class A	EN 61000-4-8
EMS	EN 61000-4-2, EN 61000-4-3 EN 61000-4-4 EN 61000-4-5	Shock IEC 60068-2-27 Freefall IEC 60068-2-32 Vibration IEC 60068-2-6

L2 Features

L2 MAC Address : 8K
Switching capacity : 48G
Jumbo Frame : 9KB
VLAN Group : 4093 (VLAN ID 1~4093)
VLAN Mac based VLAN, Protocol based VLAN, IP subnet based VLAN, Port based VLAN, GVRP
Port Mirroring : Per port, Multi-source port
IP Multicast : IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave
Storm Control Broadcast, Multicast,

Unknown unicast
Spanning Tree : IEEE 802.1D-STP, IEEE 802.1s-MSTP, IEEE 802.1w-RSTP, EAPS

Security
Port Security : Static, Dynamic
Authentication 802.1x (Port-Based), RADIUS, TACACS+
ACL : Standard IP/ Extend IP / MAC IP / ARP ACL
Advanced Security : IP Source Guard

Management
DHCP Relay, Option82
Access : SNMP, WEB, Telnet, RMON,
Standard MIB, Private MIB

Security Access : SSH
Software Upgrade : TFTP, HTTP
NTP : NTP client

QoS
Priority Queue Scheduling : WRR (Weighted Round Robin), SP (Strict Priority)
Class of Service : IEEE 802.1p based CoS, IP TOS, DSCP based CoS

Rate Limiting Egress Rate limit, Ingress Rate limit
Link Aggregation : IEEE 802.3ad Dynamic Port Trunking, Static Port Trunking

Ordering Information

IPSMGR 3016-2S 19" Rack-mount L2 Managed Switch with 16PoE (270W)
Hi For Internal Use