

# WolfPack 16-Port POE Ethernet Switch

16x10/100/1000 Base-T + 4\*1000 Combo Managed PoE Ethernet Switch



**Input Voltage:** AC 100-240V 50/60 Hz

**Operating Temperature:** -10°C ~ +50°C

**Thermal Methods:** Fan cooling

**Test Report:** RoHS, FCC, CE

**ESD:** 8KV-15KV

**MTBF:** 100,000 hours

## PRODUCT DESCRIPTION

The IPM-MANAGER-1600H series Ethernet L3 PoE Switch is equipped with 16\* 10/100/1000Mbps adaptive RJ45 ports and 4\*1000Mbps combo ports. Each RJ45 port supports MDI/MDIX and wire speed forwarding functions. Ports 1-16 support IEEE802.3AF/AT standard PoE power supply. It can as Power over Ethernet (PoE) devices, automatically detecting and recognizing standard-compliant powered devices, and powering them through the Ethernet cable.

The switch adopts store and forward switching, combined with QoS technology, to ensure effective bandwidth allocation to each port, providing stable and reliable power and data transmission for high-power AP, network cameras, PTZ cameras, PoE lighting and other security surveillance equipment.

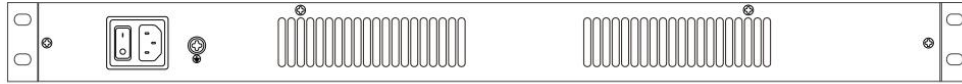
# PRODUCT PARAMETERS

<b>Provider Mode Ports</b>	
Fixed port	4*1000 Combo+16*10/100/1000 Base-T
Management	Support console
Power interface	AC Interface
LED Indicators	PWR, SYS, Link/ACT LED
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550M
<b>Network Topology</b>	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	AC 100-240V 50/60Hz
Total Power consumption	≤300W
Main board power	<20W
<b>PoE Support</b>	
PoE protocol	802.3AF, 802.3AT
Pin Assignment	1,2+/3,6-
PoE port	3-16
PoE Management	Support
<b>Layer 2 Switching</b>	
Switching capacity	56Gbps
Packet forwarding rate	29.76Mpps
MAC address table	8K
Buffer	4.1M
Forwarding delay	<10us
MDI/MDIX	Support
VLAN	256
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ethernet channel/ 802.3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support

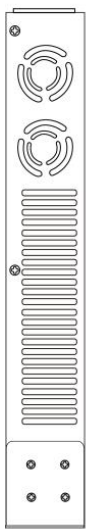
Jumbo Frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
DHCP Interface Priority IP Binding	Support
Device Scanning	Support
<b>Layer 3 Route</b>	
IPV4 management	Support
IPV6 management	Support
Static Routes IPv4	32
Static Routes IPv6	32
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support
<b>Convergence</b>	
ACL	Support MAC Standard/Extended ACL Support IPV4 Standard/Extended ACL Support IPV6 Standard/Extended ACL
QoS	Support QoS Remarking Support Port Trust Support Port Speed Limit Support Egress Queue Speed Limit Support SP, WRR Support COS, DSCP, IP Priority
<b>Management</b>	
User Management	Support
System Log	Support
Upgrade Firmware	Support
Configuration File Download/Upload	Support
SNMP	Support SNMP v1/v2/v3
WEB Management	Support
Console	Support

CLI	Support
Telnet/SSH	Support
RMON	Support
<b>Security</b>	
Management channel configuration	Support
AAA	Support
802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS attack prevention	Support
Dynamic ARP Inspection	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
Storm Control	Support
<b>Equipment Diagnosis</b>	
Console Log	Support
RMA Log	Support
Flash Log	Support
Port Mirroring	Support 1:1 or M:1
Ping	Support
Traceroute	Support
Copper port test	Support
SFP transceiver information	Support
UDLD protocol	Support
<b>Environment</b>	
Operating temperature	-10°C~+50°C
Storage temperature	-40°C~+70°C
Relative humidity	10%~90% RH
Thermal methods	Fan cooling
MTBF	100,000 hours
<b>EMC &amp; Ingress Protection</b>	
Surge protection for Power	Common mode 6KV, differential mode 2KV
Surge protection for Ethernet port	Common mode 4KV, differential mode 2KV
ESD	Contact 8K, Air 15K
Free fall	0.5m
<b>Mechanical Dimensions</b>	
Product size	440*280*44mm (LxWxH)
Installation Method	Rack mounted
Weight	3.4KG
<b>Accessories</b>	
Accessories	Device, Inspection Certificate, User manual, power cord, Dust Plug

# SIZE AND APPEARANCE



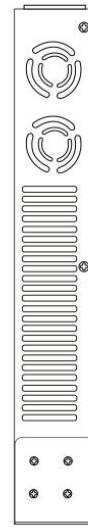
Back view



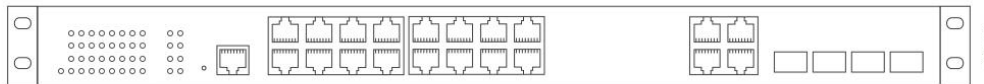
Left view



Top view



Right view



440mm

Front view

