

5900-83

16 Port 90W Managed PoE Switch



Description

Provide the user full control of each network devices remotely with high security and great flexibility.

16 Port Managed PoE Fiber Switch is ideal for enterprise network and data center to build a central management system of power and data for long distance IP powered devices.

Utilize this managed switch for any applications that require accurate control, high level security for data switching as well as real-time data monitoring from remote end. It provides effective management and convenient maintenance for PoE network system via easy installation. Compliant with IEEE 802.3bt/at/af PDs, the switch supplies up to 60 W or 30W per port and automatically detects PoE devices and their power class to simplify your infrastructure. With two Gigabit SFP ports, it provides fiber connectivity options to satisfy long distance network deployment.

Typical Application

Retail
Convenience Store
Workshop
Logistics
Home
and others

5900-83	
Dimensions	440*207*44mm
Weight	5kg
Networking Interfaces	(16) 10/100/1000 Mbps PoE Ports (2) 1 Gbps Combo RJ45 Ethernet Ports (2) 1 Gbps Combo SFP Ports (2) 1 Gbps dedicated SFP Ports (1) 100Mbps Console Port
Management Interface	Web UI, Console, Telnet, SSH
Switching Capacity	40Gbps
Forwarding Rate	29.76Mpps
MAC Address Table	8K, Automatic study, automatic updates
Jumbo frame	9216 Bytes
Packet buffer	4.1M bit
Power Method	100-240VAC/50-60 Hz, Universal Input
Power Supply	AC/DC, Internal, 390W DC
PoE budget	370W
LEDs Per Port	PWR, LNK/ACT, PoE
ESD/EMP Protection	Air: ± 8 kV, Contact: ± 6 kV
Surge Protection	Different mode ± 4 kv, Common mode ± 6 kv
Operating Temperature	0°C ~ 40 °C
Cooling	two fans
Certifications	CE, FCC, IC
Engery Saving	IEEE (802.3az)
PoE Interfaces	PoE+ IEEE 802.3af/at/bt (Pins 1, 2+; 3, 6-, 4,5-, 7,8+) port #1-8,PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-) port #9-16,
Max. PoE+ Wattage per Port by PSE	Port #1-8, 90W and Port #9-16 32W
Voltage Range 802.3at Mode	DC55V

Software Information	
System settings	Basic Information, System Status, User Management, SNTP configuration, Import/Export Configuration File, Firmware Upgrade, System Reboot/Reset
IP Config	IPV4/IPV6 DHCP Client
Port Configuration	Basic Configuration, Port Statistic, IEEE802.3x Flow Control, Broadcast Storm Suppression, Port Rate Setting, Ports Protected, Port Aggregation, Ports Mirror, Ports isolation
Port Aggregation	Load balance, static aggregation, LACP
MAC Binding	Static Binding, Dynamic Binding, Auto Binding, MAC Auto Filter
VLAN	VLAN Information, VLAN Configuration, VLAN Port Configuration, Voice VLAN, QinQ, Guest-VLAN, GVRP, MVR
ARP	IP Source Guard, ARP Check, Gratuitous-arp, ARP defense, DAI,
DHCP	IPV4/IPV6 DHCP Snooping, DHCP Server, DHCP Relay
STP	STP/MSTP/RSTP, PortFast, Root Guard, BPDU Guard
SNMP	SNMP Group, SNMP View, SNMP Trap
RMON	ROM (1,2,3,9)
ACL Configuration	Standard ACL, IPv6 ACL, ACL Extension, MAC ACL, Time Range ACL
QOS Configuration	QOS Scheduling, Queue mapping
AAA Configuration	Tacacs+ Configuration, Radius Configuration, 802.1x Configuration, MAB
IGMP SNOOPING Configuration	IGMP SNOOPING Configuration, Multicast Group, IGMP IGMP Snooping VLAN
ERPS	ERPS Configuration, ERPS mode, ERPS role
LLDP	LLDP TLV,
Error-Disable	Error-Disable, Loopback-Detection
Onvif	Onvif Detect, Onvif NLM
POE Configuration	POE Global configuration, POE Port Configuration, PD watchdog
Diagnosis Tool	Ping/Ping6, Traceroute/Traceroute6, cable diagnosis
Log management	Log, Debug information

