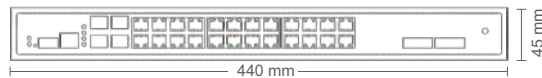# 24-port L2 Managed PoE GigabitEthernet Switch

- 24 ports L2 Managed PoE switch provides 24nos. 10/100/1000 Base-T PoE+ ports + 4 nos. 1000Base-X SFP ports.

- Fan-less Design with Operating Temperature of -40ºC ~ 75ºC. MTBF of 100000 hours.

- Supports IEEE802.3af/at up to single output power of 30W with advanced SAFC function to prevent damage to devices without PoE function and over currect short-circuit protection.

- L2 Network Management Console port, CLI, Telnet & Web-based network management and PoE management.

- Improves network flexibility and enhances the reliability and security of industrial networks in harsh environments such as rail transit, safe city projects, intelligent transportation and outdoor monitoring.

- Support high-speed data forwarding, perfectly designed for large flow of video data forwarding in security surveillance.

- Support fast ring, self-healing in 20ms.

- Support QoS, VLAN, Storm Suppression and Smart Auto Reboot for inactive PoE ports.

- Excellent circuit isolation protection, lightning protection up to 8 kV ~ 15kV.

Dimensions

Top View

245 mm

Front View

440 mm

45 mm

Compliant to Ethernet Standards

IEEE802.3af PoE, IEEE 802.3at PoE+, IEEE 802.3u 100BASE-TX
IEEE802.3ab 1000BASE-T, IEEE802.3z 1000BASE-SX/LX
IEEE802.3ad, Static or Dynamic Link Aggregation
IEEE802.3x, Full Duplex Flow Control,IEEE802.3az, EEE (Energy Efficient Ethernet)
IEEE802.1q, VLAN (up to 4096 VLANs, Port Based)
IEEE802.1p, QoS / CoS
IEEE802.1d, STP (Spanning Tree Protocol)
IEEE802.1w, RSTP (Rapid Spanning Tree Protocol)
Monitoring function: Automatic search device up to 1000 pieces; Monitoring device management list; Camera/Video Server reboot/Restore default; Device Redirection Link"
E-map View: Topolog, Layer, Google MapPort Grouping: IEEE 802.3ad with LACP (Dynamic) up to 16 ports per group (maximum 13 groups); Static Trunk up to 8 ports per group (maximum 13 groups); IGMP Snooping (v1/v2/v3); Loop Detection"L3 Features: IP Host Table, Static Route, Static ARP, DHCP Server"ACLs: ICMP Packets; ; IP Source Guard; Storm Control; RADIUS; Layer 3 Isolatio; STP Root GuardManagement: SNMP (v1, v2c, v3); RMON (1,2,3 & 9 groups); Firmware Update; Import/Export Camera/Video Server Configuration; Layer Image Management; Traffic Monitoring."DHCP: Client; Option 66/67Power Management: 7/24 Schedule

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Technical Specifications

Ethernet Port	Port 1 ~ 24: 24 nos. 10/100/1000 Mbps PoE Ethernet port, self-adaptive control Port 25 ~ 28: 4 nos. 1000 Base-X SFP port
Transmission Distance	Port 1 ~ 24: Recommended 100m, max.100m SFP: depend on the optical module performance
PoE Protocol	IEEE802.3af, IEEE802.3at
PoE Power Supply	End-span
PoE Power Consumption	Each port £ 30W, 54 Vdc; Total 390W max
Switch Capacity	68 Gbps non-blocking, 50.59 Mpps packet forwarding rate
Management	L2
MAC Address Table	Up to 16k MAC addresses, 4k VLAN, 12M Buffer
ESD Protection	8kV Contact / 15kV Air Discharge (IEC61000-4-2, Level 4)
Lightning Protection	8kV (IEC61000-4-5, Level 3)
Power Supply	Dual Power Redundancy, DC 48 ~ 58V, 385W (max. load)
Working Conditions	-40°C ~ +75°C, 5 ~ 95% Humidity (non-condensing)
Dimensions	440 x 245 x 44.5 mm
Weight	3.1 kg