

Multiservice Gigabit Power over Ethernet (PoE) Switches

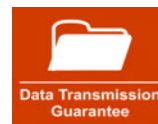
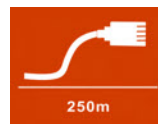
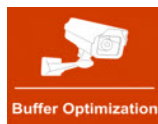


Description:

The IP-POE*M series switches are two-layer network switches designed for video data transmission. They support many connections varying from 10/100M to 1000M for a flexible network configuration. They support various network management standards such as SNMP, Telnet, RMON and CLI. They can also be managed by different network management platforms for a safe surveillance environment with high-bandwidth and high-performance. The IP-POE*M PoE switches support 802.3af and 802.3at power supply modes with the maximum power supply on each port reaching up to 30W. The product is capable of distributing power automatically according to each port's load characteristic, which is ideal for video surveillance applications.

Features

- Excellent performance
- 64Gbps backplane capacity; non-blocking design; video streaming forwarding at full speed
- Gigabit optical-fiber transmission with up to 120Km distance; High security and reliability
- Providing multiple user authentication modes such as 802.1x authentication
- Port-MAC-IP bind
- Special ARP invasion detection to effectively stop ARP cheat; Flexible with various management options
- Adopts cluster technology, supported device stacking and use an unified IP address for management
- Multiple management modes such as Console port, Telnet, Web and SNMP; Powerful flow and broadcast management
- Automatically detects and controls broadcast storms, monitoring IGMP packets and effectively prevents broadcast packet flooding
- Flow control in full-duplex mode or half-duplex mode
- The rate limitation in a minimum step of 64K is supported on the Ethernet port
- IP multicast and QoS; Varied protocols
- 802.3af power supply on all ports
- 802.3at power supply with the maximum power supply on each port reaching up to 30W
- Configurable power supply priority guarantees, continuous power supply at key network nodes
- Configurable power consumption to save power and user cost



Ordering Information:

IP-POE8M 8 Port Managed PoE Switch
IP-POE24M 24 Port Managed PoE Switch

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Specifications

	IP-POE8M	IP-POE24M
Port:	Eight 100M Ethernet Ports	Twenty Four 100M Ethernet Ports
	Two 1000M Ethernet Ports	Four 1000M Ethernet Ports
	Two 1000M SFP Optical Multiplex Ports	Four 1000M SFP Optical Multiplex Ports
	One Console Port	One Console Port
Backplane Capacity:	64Gbps	64Gbps
Switching Bandwidth:	32Gbps	32Gbps
Forwarding:	4.2Mpps	9.6Mpps
MAC Table:	8K	8K
Video Buffering:	64MB	64MB
STP:	IEEE 802.1D STP	IEEE 802.1D STP
	IEEE 802.1w RSTP	IEEE 802.1w RSTP
	IEEE 802.1s MSTP	IEEE 802.1s MSTP
VLAN:	Port-based VLAN	Port-based VLAN
	802.1Q VLAN	802.1Q VLAN
	GVRP	GVRP
VLAN No.:	4K (any division)	4K (any division)
QinQ:	Supported	Supported
QoS:	Supported	Supported
Flow Control:	Backpressure is adopted for half-duplex, while IEEE802.3x is adopted for full-duplex	Backpressure is adopted for half-duplex, while IEEE802.3x is adopted for full-duplex
Multicast:	IGMP Snooping	IGMP Snooping
Network Management:	SNMP, Telnet, RMON, CLI, support multiple SNMP network management software	SNMP, Telnet, RMON, CLI, support multiple SNMP network management software
Network Security:	IEEE 802.1x	IEEE 802.1x
	Port access control	Port access control
	IP ACL, MAC ACL and VLAN ACL	IP ACL, MAC ACL and VLAN ACL
	DHCP snooping	DHCP snooping
	DAI and static/dynamic ARP prevention	DAI and static/dynamic ARP prevention
	RADIUS	RADIUS
Dimensions:	340mm×250mm×44mm (13.39"×9.84"×1.73")	442mm×315mm×44mm (17.40"×12.40"×1.73")
	110-240VAC (self-adaptive), 47-63Hz, 1A/230V PoE/PoE+ power supply	110-240VAC (self-adaptive), 47-63Hz, 1A/230V PoE/PoE+ power supply
Power Consumption:	Max. 170W (including PoE power supply), support 802.3af power supply on 8 ports or 802.3at power supply on 5 ports	Max. 400W (including PoE power supply), support 802.3af power supply on 24 ports or 802.3at power supply on 12 ports
Indicator:	Power indicator, system indicator, connection/data forwarding indicator, 10/100M indicator	Power indicator, system indicator, connection/data forwarding indicator, 10/100M indicator
Environment:	Working temperature: 0 °C ~55 °C (32 °F ~ 131 °F) Humidity: 0-90% (no condensation)	Working temperature: 0 °C ~55 °C (32 °F ~ 131 °F) Humidity: 0-90% (no condensation)

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