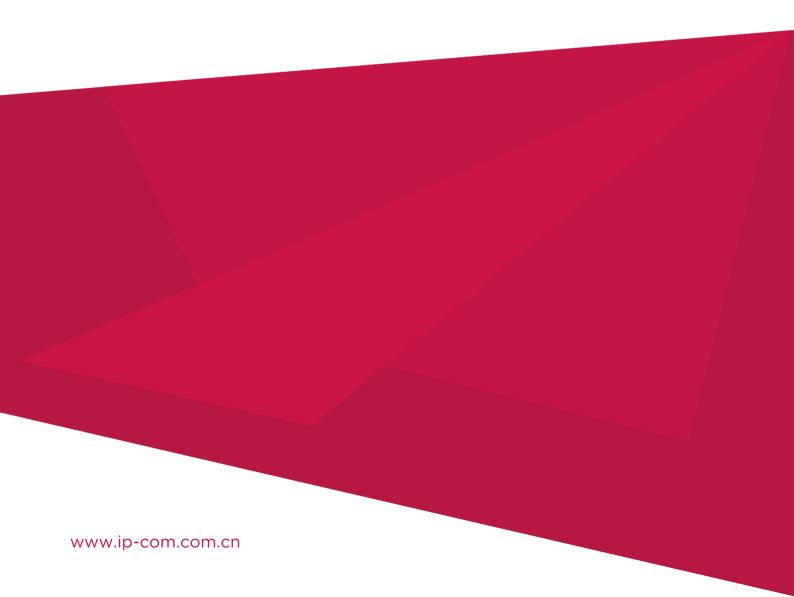# F1218P-16-250W

16FE+2GE/1SFP Managed Switch With 16-Port PoE

F1218P-16-250W

16FE+2GE/1SFP Managed Switch With 16-Port PoE

Descriptions

F1218P-16-250W is a managed PoE switch independently designed by IP-COM. Featured with 16 IEEE 802.3at/af-compliant RJ45 ports, it supplies a maximum PoE power output of 230 W. The switch can supply power when transmitting data with APs, IP cameras, and IP phones through CAT5 cables . Featured smart management functions, including 250 m long distance power supply, 802.1Q VLAN, link aggregation, QoS and MAC address binding, it minimizes the difficulty and cost in networking deployment.

Features

* Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab，IEEE 802.3z，IEEE 802.3x, IEEE 802.1q, IEEE 802.1p, IEEE 802.1d, IEEE 802.1w and IEEE802.3af/at standards.
* 16 * 10/100 Mbps Base-TX RJ45 ports for data transmission and power supply, 2 * 10/100/1000 Mbps Base-T RJ45 ports for data transmission, 1 * 1000 Mbps Base-X combo SFP slot
* 4 K MAC address table and MAC address auto-learning.
* IEEE 802.3x-compliant full-duplex flow control and half-duplex backpressure flow control.
* 7.2 Gbps backplane bandwidth.
* Maximum power consumption of a single port: 30W; Maximum power consumption of the switch: 250W.
* 2.75 Mb cache size for smooth video surveillance.
* Support Web management, 802.1Q VLAN, link aggregation, QoS and MAC address binding.
* Standard rack-mounting design

USPs

6 kV lightning protection

The switch offers various safety and protection types, including 6 kV lightning protection, PSE short-circuit protection, PoE overload protection, surge current protection etc.

Gigabit uplink port

With one 1000 Mbps combo SFP slot, the switch can meet the current demand for uplink bandwidth of Gigabit WLAN and HD digital surveillance.
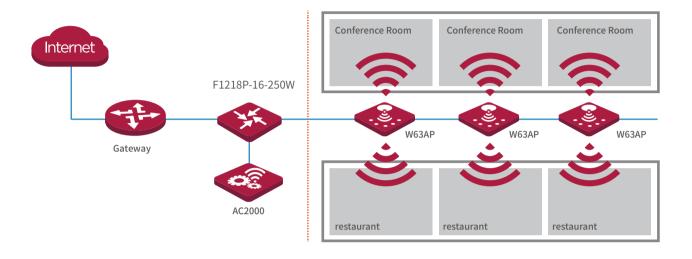
230 W PoE power supply

The switch features 16 IEEE 802.3at/af-compliant RJ45 ports. The entire switch offers a maximum PoE power output of 230 W, and 30 W for a single port, to supply power to and data transmission with 16 PoE-powered devices such as APs and IP cameras.
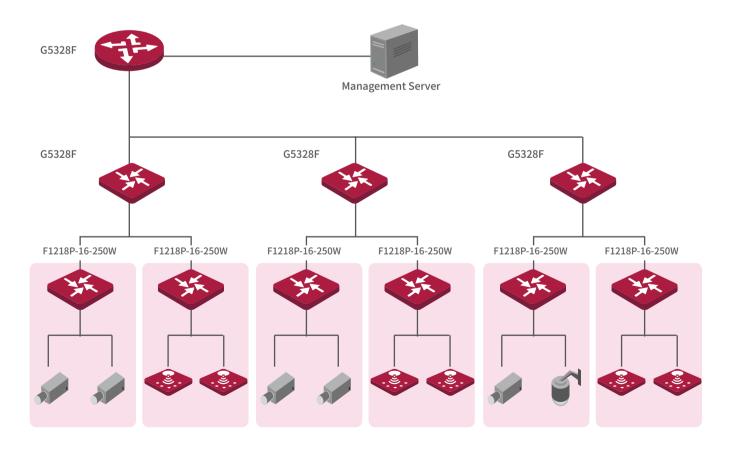
Smart Web management

The switch supports smart management functions, including 250 m long distance power supply , 802.1Q VLAN, link aggregation, QoS, MAC address binding, which minimizes the difficulty and cost in networking deployment.

Appliation

Internet

Gateway

F1218P-16-250W

AC2000

Conference Room | Conference Room | Conference Room

W63AP | W63AP | W63AP

restaurant | restaurant | restaurant

G5328F

Management Server

G5328F | G5328F | G5328F

F1218P-16-250W | F1218P-16-250W | F1218P-16-250W | F1218P-16-250W | F1218P-16-250W | F1218P-16-250W

Specifications

Specifications	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at
LEDs indicator	16 * Link/Act LEDs 1 * G1 LED 1 * G2/SFP2 LED 1 * PoE-MAX LED 1 * Power LED 1 * SYS LED
Interfaces	16 * 10/100 Mbps Base-TX RJ45 ports (Data/Power) 2 * 10/100/1000 Mbps Base-T RJ45 ports (Data) 1 * 1000 Mbps Base-X SFP port (Combo)
Forwarding Rates	5.36 Mpps
Switching capacity	7.2 Gbps
MAC Address Table	4K
Lightning protection	≥6KV
Input voltage	AC: 100-240V~50/60Hz
PoE supply	Ports 1-16 support standard IEEE802.3af/at 30W output per PoE port 230W output of the total PoE Power
Power consumption	250W output the whole device
Dimensions	440*178.8*44mm

Software Features	
PoE management	Support over temperature protection for PoE module Support graphical management detection of PD equipment
VLAN	Supports Port VLAN Supports 802.1Q VLAN
Security	MAC-Port Binding
Link aggregation	Static Trunk Supports 3 groups of 4-Port trunk support
STP	STP/RSTP
IGMP Snooping	IGMP (v1/v2) Snooping
Port Mirroring	N: 1 port mirroring

Software Features

PoE management	802.1p and DSCP priority re-marking Flow control Flexible queue scheduling algorithm can be set based on port and queue, support SP, WRR
Firmware upgrade	Upgrade via the Web
Management and maintenance	Support SNMP v1/v2 and WEB-based management
Certifications	CCC、FCC、CE、RoHS

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