Quick Installation Guide

16FE+2GE/1SFP Unmanaged Switch With 16-Port PoE
F1118P-16-150W/F1118P-16-250W

24FE+2GE/1SFP Unmanaged Switch With 24-Port PoE
F1126P-24-250W/F1126P-24-410W

Package contents

- Switch * 1
- Footpad * 4
- Screw * 8
- Power cord * 1
- L-shaped bracket * 2
- Quick installation guide * 1

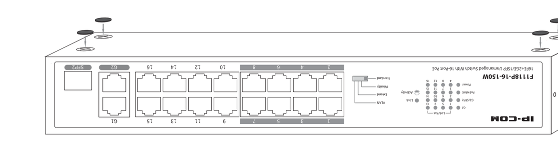
If any item is missing, damaged or incorrect, please keep the original package and contact the local reseller or distributor immediately.

1 Installing the switch

* F1118P-16-150W is used for illustration. Select one mounting method as required.

Option A. Desktop mounting

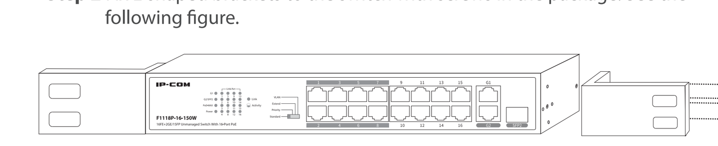
Step 1 Place the switch upside down on a stable and flat desktop.
Step 2 Paste the four footpad stickers to the corresponding four recesses on the bottom of the switch.



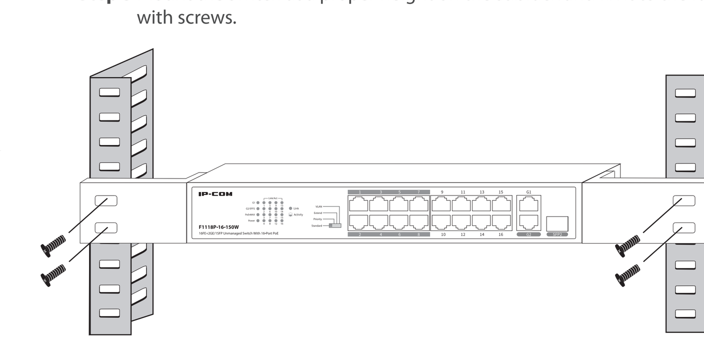
Step 3 Place the switch right side upon the desktop.

Option B. Rack mounting

Step 1 Ensure that the subrack is stable, level, and properly grounded.
Step 2 Fix L-shaped brackets to the switch with screws in the package. See the following figure.

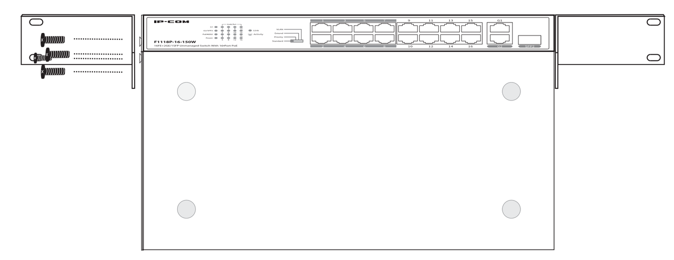


Step 3 Mount the switch at a proper height on the subrack and fix it to the rack with screws.

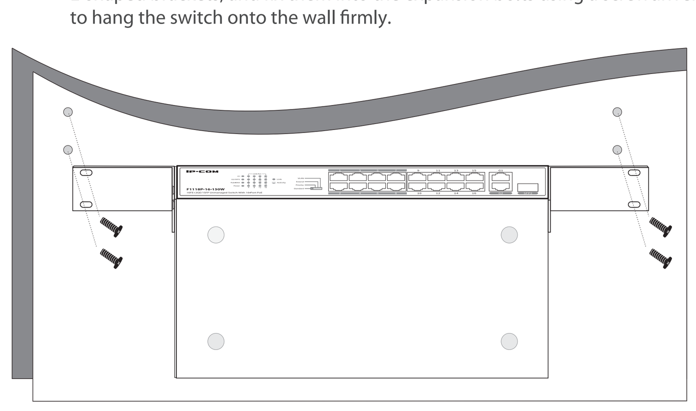


Option C. Wall mounting

Step 1 Fix L-shaped brackets to the switch with screws in the package.
Step 2 Attach the switch horizontally to the wall with the RJ45 ports upward, mark the position of the screw holes on the wall with a marking pen. Drill 4 holes in the marking position with a churn drill, and then knock expansion bolts (self-prepared) into the holes.

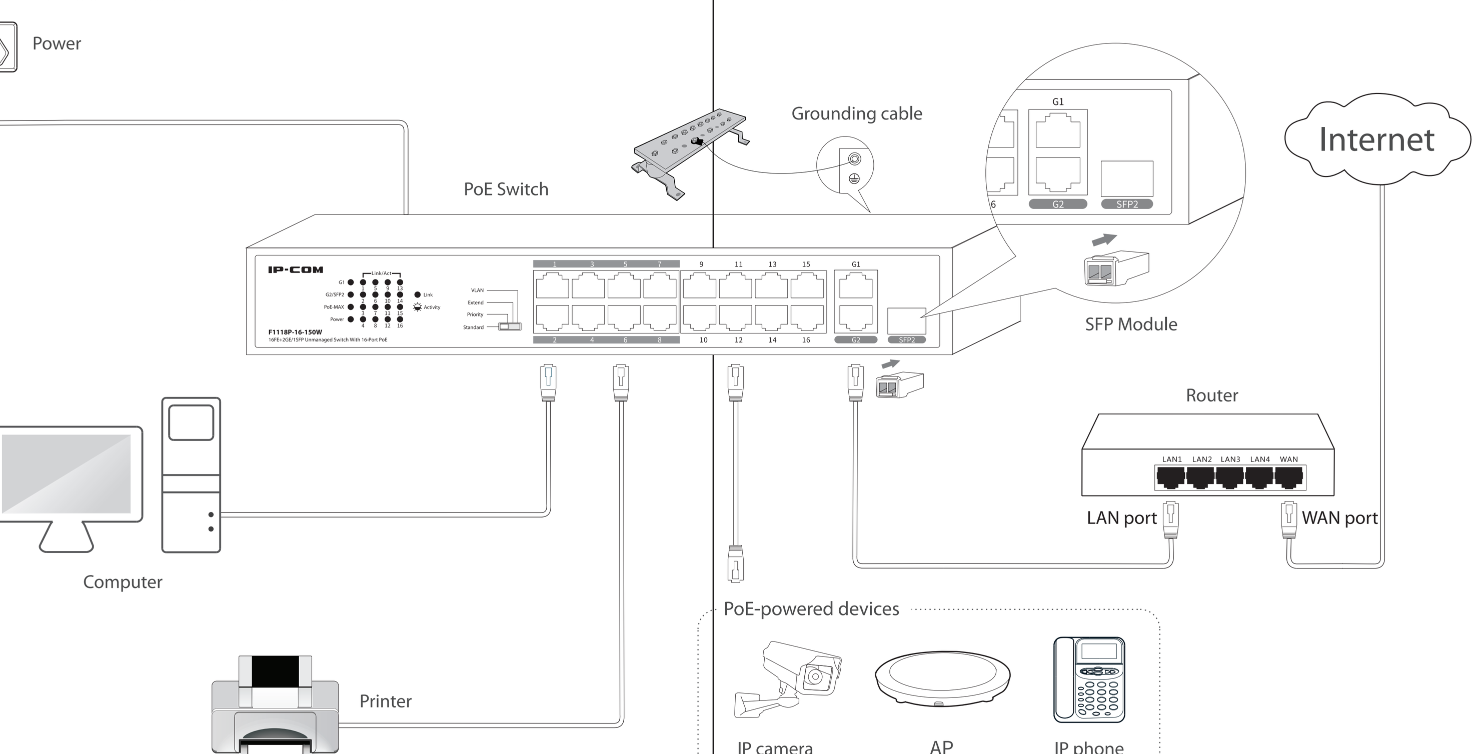


Step 3 Put the RJ45 ports upward, thread the screws through the holes on the L-shaped brackets, and fix them into the expansion bolts using a screwdriver to hang the switch onto the wall firmly.



2 Connecting your devices

F1118P-16-150W is used for illustration



Tips:
- The switch supports the auto MDI/MDIX function, indicating that either straight cables or crossover cables are acceptable to connect your switch to Ethernet devices.
- To protect the switch from overload, PoE ports of your switch are assigned with power supply priorities, and the priorities decrease as the port number increases. When the total power consumption of the PoE-powered devices exceeds the maximum output of the switch, the switch starts cutting the power supply from the port with the lowest priority, until the total consumption does not exceed the maximum output.
- Ports G2 and SFP2 compose a combo port, and port SFP2 owns the higher priority.
- For safety, do not face the air vents of the switch down when you use wall mounting.

LED indicators

LED indicator	Status	Description
G1, G2/SFP2, Link/Act	Solid on	The corresponding port is connected properly.
	Blinking	Data is being transmitted over the corresponding port.
	Off	The corresponding port is disconnected or improperly connected.
PoE-MAX	Solid on	The total output power of the switch reaches the maximum value.
	Off	The total output power of the switch does not reach the maximum value.
Power	Solid on	The switch is connected to a power source properly.
	Off	The switch is disconnected from a power source or not properly connected to a power source.

Working mode introduction

The PoE switch has 4 modes: **Standard, Priority, Extend,** and **VLAN**. You can use the working mode toggle to set the PoE switch to the required mode according to the following descriptions.
Standard: Default mode of the switch. In this mode, it works as an unmanaged switch; all ports can communicate with each other separately.

Priority: In this mode, port G1 and G2/SFP2 serve as uplink ports, ports 1 – 8 serve as high priority port. All ports can communicate with each other separately.

It is recommended to use this mode when there are multiple IP cameras connected to the switch. In this mode, with the surveillance camera connected to the port with high priority and uplink devices (NVR, routers) connected to the two uplink ports, it ensures you a higher priority level for better internet connection when network congestion occurs.

Extend: In this mode, for switch F1118P-16-150W and F1118P-16-250W, data rate of ports 9 – 16 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.
For switch F1126P-24-250W and F1126P-24-410W, data rate of ports 17 – 24 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.

VLAN: In this mode, for switch F1118P-16-150W and F1118P-16-250W, ports 1 – 16 can communicate with port G1, G2/SFP2 separately, but cannot communicate with each other. While for switch F1126P-24-250W and F1126P-24-410W, ports 1 – 24 can communicate with port G1, G2/SFP2 separately, but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.

Specifications — English

Model		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interface	10/100/1000 Mbps RJ45 port	2			
	10/100 Mbps RJ45 port	16		24	
	1000 Mbps SFP port	1 Port SFP2 and port G2 compose a combo port, and the SFP port owns a higher priority.			
	Working mode	**Standard**: Default mode of the switch. In this mode, it works as an unmanaged switch; all ports can communicate with each other separately.			
		Priority: In this mode, port G1 and G2/SFP2 serve as uplink ports, ports 1 – 8 serve as high priority port. All ports can communicate with each other separately.			
		Extend: In this mode, data rate of ports 9 - 16 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.		**Extend**: In this mode, data rate of ports 17 - 24 reduces to 10 Mbps, the maximum transmission distance can be 250 meters, and all ports can communicate with each other.	
		VLAN: In this mode, ports 1 - 16 of the switch can communicate with port G1, G2/SFP2 separately, but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.		**VLAN**: In this mode, ports 1 - 24 of the switch can communicate with port G1, G2/SFP2 separately, but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.	
Feature	Store-and-forward	Supported			
	MAC Address Table	4 K		16 K	
	MAC Address Learning	Self-learning, auto-aging			
	Backplane Bandwidth	7.2 Gbps		8.8 Gbps	
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at			
	PoE port	1 - 16		1 - 24	
	Maximum output of a single port	30 W			
	Maximum output of the switch	130 W	230 W		370 W
	PoE power cable core	8 cores: voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is -.			
Lightning protection	RJ45 port	Common mode: 6 kV			
	Power supply	Common mode: 6 kV Differential mode: 4 kV			
Environment	Operating environment	Temperature: (0 - 45)°C Humidity: (10% - 90%) RH, non-condensing			
	Storage environment	Temperature: (-40 - 70)°C Humidity: (5% - 90%) RH, non-condensing			
Input voltage		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Dimension		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Transmission data rate		Ethernet: 10 Mbps (half-duplex)/20 Mbps (full-duplex) Fast Ethernet: 100 Mbps (half-duplex)/200 Mbps (full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)			
Transmission media		Ethernet: CAT3 UTP/STP cable or better Fast Ethernet: CAT5 UTP/STP cable or better Gigabit Ethernet: CAT5e or CAT6 UTP/STP cable (recommended)			
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Характеристики — Русский

Модель		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Интерфейс	Порт RJ45 10/100/1000 Мбит/с	2			
	Порт RJ45 10/100 Мбит/с	16		24	
	Порт SFP 1000 Мбит/с	1 Порты SFP2 и G2 составляют комбинированный порт, и порт SFP имеет более высокий приоритет.			
	Режим работы	**Стандарт**: Режим по умолчанию коммутатора. В этом режиме он работает в качестве неуправляемого коммутатора, и все порты могут подключаться друг к другу по отдельности.			
		Приоритет: В этом режиме порты G1 и G2/SFP2 служат в качестве портов для соединения с вышестоящими устройствами, порты 1–8 служат в качестве портов с высоким приоритетом. Все порты могут подключаться друг к другу по отдельности.			
		Расширение: В этом режиме скорость передачи данных портов 9–16 снижается до 10 Мбит/с, максимальное расстояние передачи не может превышать 250 метров, а все порты могут подключаться друг к другу.		**Расширение**: В этом режиме скорость передачи данных портов 17–24 снижается до 10 Мбит/с, максимальное расстояние передачи не может превышать 250 метров, а все порты могут подключаться друг к другу.	
		VLAN: В этом режиме порты 1–16 коммутатора могут подключаться к порту G1, G2/SFP2 по отдельности, но не могут подключаться друг к другу. В этот режим можно перейти, чтобы уменьшить broadcast шторм и изолировать DHCP broadcast.		**VLAN**: В этом режиме порты 1–24 коммутатора могут подключаться к порту G1, G2/SFP2 по отдельности, но не могут подключаться друг к другу. В этот режим можно перейти, чтобы уменьшить broadcast шторм и изолировать DHCP broadcast.	
Функция	С промежуточной буферизацией	Поддерживается			
	Таблица MAC-адресов	4 K		16 K	
	Изучение MAC-адресов	Самообучение, автоматическое старение			
	Пропускная способность объединительной платы	7.2 Gbps		8.8 Gbps	
Электропитание PoE	Стандарт PoE	IEEE 802.3af, IEEE 802.3at			
	PoE-порт	1 - 16		1 - 24	
	Максимальная выходная мощность одного порта	30 W			
	Максимальная выходная мощность коммутатора	130 W	230 W		370 W
	Жила силового кабеля PoE	8 ядер: напряжение ядер 1, 2, 4, 5 — "+", а для ядер 3, 6, 7,8 — "-".			
Молниезащита	Порт RJ45	Обычный режим: 6 kV			
	Источник питания	Обычный режим: 6 kV Дифференциальный режим: 4 kV			
Условия хранения и эксплуатации	Рабочая среда	Температура: (0–45)°C Влажность: (10–90%) без конденсации			
	Условия хранения	Температура: (-40–70)°C Влажность: (5–90%) без конденсации			
Входное напряжение		100–240 В перем. тока, 50/60 Гц 2.0A	100–240 В перем. тока, 50/60 Гц 4.0A	100–240 В перем. тока, 50/60 Гц 4.0A	100–240 В перем. тока, 50/60 Гц 6.0A
Габаритные размеры		294 * 178.8 * 44 мм	440 * 178.8 * 44 мм		440 * 284 * 44 мм
Скорость передачи данных		Ethernet: 10 Мбит/с (полудуплекс)/20 Мбит/с (полный дуплекс) Fast Ethernet: 100 Мбит/с (полудуплекс)/200 Мбит/с (полный дуплекс) Gigabit Ethernet: 2000 Мбит/с (полный дуплекс)			
Средства передачи		Ethernet: Кабель CAT3 UTP/STP или выше Fast Ethernet: Кабель CAT5 UTP/STP или выше Gigabit Ethernet: Кабель CAT5E или CAT6 UTP/STP(рекомендовано)			
Стандарты		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Спецификации — Български

Модел		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Интерфейс	10/100/1000 Mbps RJ45 порт	2			
	10/100 Mbps RJ45 порт	16		24	
	1000 Mbps SFP порт	1 SFP2 порт и G2 порт образуват комбиниран порт, а SFP портът е с по-висок приоритет.			
	Работен режим	**Стандартен**: Режим по подразбиране. В този режим той функционира, като нерегулиран превключвател; всички портове могат да комуникират един с друг поотделно.			
		Приоритет: В този режим G1 порт и G2/SFP2 портове служат, като портове за изходяща връзка, портове 1 – 8 служат, като портове с висок приоритет. Всички портове могат да комуникират един с друг поотделно.			
		Удължаване: В този режим скоростта на пренос на данните на портове 9 – 16 намалява до 10 Mbps, максималното разстояние за предаване може да бъде 250 метра и всички портове могат да комуникират един с друг.		**Удължаване**: В този режим скоростта на данните на портове 17 – 24 намалява до 10 Mbps, максималното разстояние за предаване може да бъде 250 метра и всички портове могат да комуникират един с друг.	
		VLAN: В този режим портове от 1 до 16 на превключвателя могат да комуникират с портове G1, G2/SFP2 поотделно, но не могат да комуникират един с друг. Можете да използвате този режим, за да намалите претоварването от трафикът и да изолирате излъчването на DHCP.		**VLAN**: В този режим портове от 1 до 24 на превключвателя могат да комуникират с портове G1, G2/SFP2 поотделно, но не могат да комуникират един с друг. Можете да използвате този режим, за да намалите бродкаст бурята и да изолирате излъчването на DHCP.	
Функция	Съхраняване и предаване	Поддържани опции			
	Таблица с MAC адреси	4 K		16 K	
	Обучение на MAC адреси	Самообучение, автоматично остаряване на остарели MAC адреси			
	Скорост на предаване на интегрираща платформа	7.2 Gbps		8.8 Gbps	
Захранване по Ethernet (PoE)	Стандарт PoE	IEEE 802.3af, IEEE 802.3at			
	PoE порт	1 - 16		1 - 24	
	Максимални изходящи стойности на един порт	30 W			
	Максимални изходящи стойности на превключвателя	130 W	230 W		370 W
	Ядро на кабел за захранване PoE	8 ядра: напрежението на ядра 1, 2, 4, 5 е +, а на ядра 3, 6, 7, 8 е –.			
Защита от мълнии	RJ45 порт	Общ режим: 6 kV			
	Захранване	Общ режим: 6 kV Диференциален режим: 4 kV			
Среда	Работна среда	Температура: (0 – 45)°C Влажност: (10% – 90%) относителна влажност, без конденз			
	Среда на съхранение	Температура: (-40 – 70)°C Влажност: (5% – 90%) относителна влажност, без конденз			
Входящо напрежение		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Размери		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Скорост на предаване на данни		Ethernet: 10 Mbps (с полудуплекс)/20 Mbps (с пълен дуплекс) Бърз Ethernet: 100 Mbps (с полудуплекс)/200 Mbps (с пълен дуплекс) Гигабит Ethernet: 2000 Mbps (с пълен дуплекс)			
Носител за предаване		Ethernet: CAT3 UTP/STP кабел или по-добър Бърз Ethernet: CAT5 UTP/STP кабел или по-добър Гигабит Ethernet: CAT5e или CAT6 UTP/STP кабел (препоръчително)			
Стандарти		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Spezifikationen — Deutsch

Modell		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interface	10/100/1000 MBit/s RJ45-Port	2			
	10/100 MBit/s RJ45-Port	16		24	
	1000 MBit/s SFP-Port	1 Die Ports SFP2 und G2 bilden einen Kombi-Port. Der SFP-Port besitzt eine höhere Priorität.			
	Betriebsmodus	**Standard**: Standardmodus des Switch. In diesem Modus funktioniert der Switch unverwaltet und alle Ports können getrennt untereinander kommunizieren.			
		Priorität: In diesem Modus dienen die Ports G1 und G2/SFP2 als Uplink-Ports; Ports 1 – 8 dienen als Port mit hoher Priorität. Alle Ports können getrennt miteinander kommunizieren.			
		Erweitern: In diesem Modus wird die Datenrate der Ports 9 – 16 auf 10 MBit/s reduziert, die maximale Übertragungsdistanz kann 250 Meter betragen und alle Ports können miteinander kommunizieren.		**Erweitern**: In diesem Modus wird die Datenrate der Ports 17 – 24 auf 10 MBit/s reduziert, die maximale Übertragungsdistanz kann 250 Meter betragen und alle Ports können miteinander kommunizieren.	
		VLAN: In diesem Modus können die Ports 1 – 16 des Switch getrennt mit den Ports G1 und G2/SFP2 kommunizieren, aber nicht untereinander. Verwenden Sie diesen Modus, um Broadcast-Storm zu reduzieren oder den DHCP-Broadcast zu isolieren.		**VLAN**: In diesem Modus können die Ports 1 – 24 des Switch getrennt mit den Ports G1 und G2/SFP2 kommunizieren, aber nicht untereinander. Verwenden Sie diesen Modus, um Broadcast-Storm zu reduzieren oder den DHCP-Broadcast zu isolieren.	
Funktion	Speichern und weiterleiten	Unterstützt			
	MAC-Adressentabelle	4 K		16 K	
	MAC-Adressenlernen	Selbstlernend, Auto-Aging			
	Backplane-Bandbreite	7.2 Gbps		8.8 Gbps	
PoE-Stromversorgung	PoE-Standard	IEEE 802.3af, IEEE 802.3at			
	PoE-Port	1 - 16		1 - 24	
	Maximale Leistung eines einzelnen Ports	30 W			
	Maximale Leistung des Switch	130 W	230 W		370 W
	Anzahl der PoE Netzkabeladern	8 Kerne: Die Spannung der Kerne 1, 2, 4, 5 ist „+". Bei den Kernen 3, 6, 7, 8 ist sie „–".			
Blitzschutz	RJ45-Port	Normaler Modus: 6 kV			
	Stromversorgung	Normaler Modus: 6 kV Differentialmodus: 4 kV			
Umgebung	Betriebsumgebung	Temperatur: (0 - 45) °C Luftfeuchtigkeit: (10 % - 90 %) RH, nicht kondensierend			
	Lagerumgebung	Temperatur: (-40 - 70) °C Luftfeuchtigkeit: (5% - 90 %) RH, nicht kondensierend			
Nennspannung		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Abmessungen		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Datenübertragungsrate		Ethernet: 10 MBit/s (Halbduplex) / 20 MBit/s (Vollduplex) Fast Ethernet: 100 MBit/s (Halbduplex) / 200 MBit/s (Vollduplex) Gigabit Ethernet: 2000 MBit/s (Vollduplex)			
Übertragungsmedien		Ethernet: CAT3 UTP/STP-Kabel oder höher Fast Ethernet: CAT5 UTP/STP-Kabel oder höher Gigabit Ethernet: CAT5E oder CAT6 UTP/STP Kabel (empfohlen)			
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Specifiche — Italiano

Modello		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interfaccia	Porta RJ45 10/100 /1000 Mbps	2			
	Porta RJ45 10/100 Mbps	16		24	
	Porta SFP 1000 Mbps	1 Le porte SFP2 e G2 compongono una porta combinata e la porta SFP ha una priorità più elevata.			
	Modalità di lavoro	**Standard**: Modalità predefinita dell'interruttore. In questa modalità, svolge la funzione di un interruttore non gestito; tutte le porte possono comunicare le une con le altre separatamente.			
		Priorità: In questa modalità, le porte G1 e G2/SFP2 fungono da porte uplink, le porte da 1 a 8 da porte ad alta priorità. Tutte le porte possono comunicare tra loro separatamente.			
		Estensione: In questa modalità, la velocità di trasferimento dati delle porte 9 - 16 si riduce a 10 Mbps, la distanza di trasmissione massima può essere di 250 metri e tutte le porte possono comunicare tra loro.		**Estensione**: In questa modalità, la velocità di trasferimento dati delle porte 17 - 24 si riduce a 10 Mbps, la distanza di trasmissione massima può essere di 250 metri e tutte le porte possono comunicare tra loro.	
		VLAN: In questa modalità, le porte 1 - 16 dell'interruttore possono comunicare con la porta G1, G2/SFP2 separatamente, ma non tra di loro. Si può utilizzare questa modalità per ridurre il broadcast storm e isolare la trasmissione DHCP.		**VLAN**: In questa modalità, le porte 1 - 24 dell'interruttore possono comunicare con la porta G1, G2/SFP2 separatamente, ma non tra di loro. Si può utilizzare questa modalità per ridurre il broadcast storm e isolare la trasmissione DHCP.	
Funzioni	Store-and-forward	Supportato			
	Tabella degli indirizzi MAC	4 K		16 K	
	Apprendimento degli indirizzi MAC	Apprendimento e aging automatico			
	Larghezza di banda del backplane	7.2 Gbps		8.8 Gbps	
Alimentazione PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at			
	Porta PoE	1 - 16		1 - 24	
	Resa massima di una singola porta	30 W			
	Resa massima dell'interruttore	130 W	230 W		370 W
	Nucleo del cavo di alimentazione PoE	8 nuclei: la tensione dei nuclei 1, 2, 4, 5 è +; quella dei nuclei 3, 6, 7, 8 è -.			
Protezione contro i fulmini	Porta RJ45	Modalità comune: 6 kV			
	Alimentazione	Modalità comune: 6 kV Modalità differenziale: 4 kV			
Dati ambientali	Ambiente operativo	Temperatura: 0 °C - 45 °C Umidità: 10% - 90% UR, senza condensa			
	Ambiente di immagazzinaggio	Temperatura: -40 °C - 70 °C Umidità: (5% - 90%) UR, senza condensa			
Tensione di ingresso		100-240V CA 50/60Hz 2.0A	100-240V CA 50/60Hz 4.0A	100-240V CA 50/60Hz 4.0A	100-240V CA 50/60Hz 6.0A
Dimensioni		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Velocità di trasmissione dati		Ethernet: 10 Mbps (half-duplex)/20 Mbps (full-duplex) Fast Ethernet: 100 Mbps (half-duplex)/200 Mbps (full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)			
Mezzi di trasmissione		Ethernet: Cavo UTP/STP CAT3 o superiore Fast Ethernet: Cavo UTP/STP CAT5 o superiore Gigabit Ethernet: Cavo UTP/STP CAT5E o CAT6 (consigliato)			
Standard		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Especificações — Português

Modelo		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interface	Porta RJ45 10 /100/1000 Mbps	2			
	Porta RJ45 10/100 Mbps	16		24	
	Porta SPF 1000 Mbps	1 A porta SFP2 e a porta G2 formam uma porta combinada. A porta SFP tem maior prioridade.			
	Modos de funcionamento	**Padrão**: Modo padrão do interruptor PoE. Neste modo, funciona como um interruptor não controlado; todas as portas podem comunicar entre si separadamente.			
		Prioridade: Neste modo, as portas G1 e G2/SFP2 funcionam como portas ascendentes e as portas 1 a 8 funcionam como portas de alta prioridade. Todas as portas podem comunicar entre si separadamente.			
		Estender: Neste modo, a taxa de dados das portas 9 a 16 é reduzida para 10 Mbps, a distância máxima de transmissão pode ser de 250 metros e todas as portas podem comunicar entre si.		**Estender**: Neste modo, a taxa de dados das portas 17 a 24 é reduzida para 10 Mbps, a distância máxima de transmissão pode ser de 250 metros e todas as portas podem comunicar entre si.	
		VLAN: Neste modo, as portas 1 a 16 do comutador podem comunicar com as portas G1 e G2/SFP2 separadamente, mas não podem comunicar entre si. Pode utilizar este modo para reduzir os distúrbios de transmissão e isolar a transmissão DHCP.		**VLAN**: Neste modo, as portas 1 a 24 do comutador podem comunicar com as portas G1 e G2/SFP2 separadamente, mas não podem comunicar entre si. Pode utilizar este modo para reduzir os distúrbios de transmissão e isolar a transmissão DHCP.	
Características	Armazenamento e encaminhamento	Suportado			
	Tabela de endereços MAC	4 K		16 K	
	Aprendizagem de endereços MAC	Autoaprendizagem, auto-envelhecimento			
	Largura de banda de backplane	7.2 Gbps		8.8 Gbps	
Fonte de alimentação PoE	Norma PoE	IEEE 802.3af, IEEE 802.3at			
	Porta de PoE	1 - 16		1 - 24	
	Saída máxima de uma única porta	30 W			
	Saída máxima do comutador	130 W	230 W		370 W
	Núcleo de cabo de energia PoE	8 núcleos: a tensão dos núcleos 1, 2, 4, 5 é superior e a dos núcleos 3, 6, 7, 8 é -.			
Proteção contra raios	Porta RJ45	Modo comum: 6 kV			
	Fonte de energia	Modo comum: 6 kV Modo diferencial: 4 kV			
Ambiente	Ambiente operacional	Temperatura: (0 - 45) °C Humidade: (10% - 90%) de HR, sem condensação			
	Ambiente de armazenamento	Temperatura: (-40 - 70) °C Humidade: (5% - 90%) de HR, sem condensação			
Tensão de entrada		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Dimensão		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Taxa de transmissão de dados		Ethernet: 10 Mbps (half-duplex)/20 Mbps (full-duplex) Ethernet rápida: 100 Mbps (half-duplex)/200 Mbps (full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)			
Meios de transmissão		Ethernet: Cabo CAT3 UTP/STP ou superior Ethernet rápida: Cabo CAT5 UTP/STP ou superior Gigabit Ethernet: Cabo CAT5E ou CAT6 UTP/STP (recomendado)			
Normas		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Especificaciones — Español

Modelo		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interfaz	Puerto RJ45 de 10 /100/1000 Mbps	2			
	Puerto RJ45 de 10 /100 Mbps	16		24	
	Puerto SFP de 1000 Mbps	1 El puerto SFP2 y el puerto G2 forman un puerto en combo, y el puerto SFP tiene una prioridad más alta.			
	Modo de funcionamiento	**Estándar**: modo predeterminado del switch PoE. En este modo, funciona como conmutador no administrado; todos los puertos pueden comunicarse entre sí por separado.			
		Prioridad: En este modo, los puertos G1 y G2/SFP2 funcionan como puertos de subida, y los puertos 1 – 8 funcionan como puertos de alta prioridad. Todos los puertos pueden comunicarse entre sí por separado.			
		Extender: En este modo, la velocidad de datos de los puertos 9 - 16 se reduce a 10 Mbps, la distancia de transmisión máxima puede ser de 250 metros y todos los puertos pueden comunicarse entre sí.		**Extender**: En este modo, la velocidad de datos de los puertos 17 - 24 se reduce a 10 Mbps, la distancia de transmisión máxima puede ser de 250 metros y todos los puertos pueden comunicarse entre sí.	
		VLAN: En este modo, los puertos 1 a 16 del conmutador pueden comunicarse con los puertos G1 y G2/SFP2 por separado, pero no pueden comunicarse entre sí. Puede usar este modo para reducir la tormenta de difusión y aislar la transmisión DHCP.		**VLAN**: En este modo, los puertos 1 a 24 del conmutador pueden comunicarse con los puertos G1 y G2/SFP2 por separado, pero no pueden comunicarse entre sí. Puede usar este modo para reducir la tormenta de difusión y aislar la transmisión DHCP.	
Función	Almacenar y retransmitir	Compatible			
	Tabla de direcciones MAC	4 K		16 K	
	Aprendizaje de direcciones MAC	Autoaprendizaje, vencimiento automático			
	Ancho de banda del backplane	7.2 Gbps		8.8 Gbps	
Fuente de alimentación PoE	Estándar de PoE	IEEE 802.3af, IEEE 802.3at			
	Puerto PoE	1 - 16		1 - 24	
	Salida máxima de un solo puerto	30 W			
	Salida máxima del conmutador	130 W	230 W		370 W
	Núcleo del cable de alimentación PoE	8 núcleos: el voltaje de los núcleos 1, 2, 4 y 5 es +, y el de los núcleos 3, 6, 7 y 8 es -.			
Protección contra rayos	Puerto RJ45	Modo común: 6 kV			
	Fuente de alimentación	Modo común: 6 kV Modo diferencial: 4 kV			
Entorno	Entorno de funcionamiento	Temperatura: (0 - 45) °C Humedad: (10% - 90%) HR, sin condensaci			
	Entorno de almacenamiento	Temperatura: (-40 - 70) °C Humedad: (10% - 90%) HR, sin condensación			
Voltaje de entrada		100-240V CA; 50/60Hz 2,0A	100-240V CA; 50/60Hz 4,0A	100-240V CA; 50/60Hz 4,0A	100-240V CA; 50/60Hz 6,0A
Dimensión		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Velocidad de datos de transmisión		Ethernet: 10 Mbps (d^{-2}plex medio) / 20 Mbps (d^{-2}plex completo) Fast Ethernet: 100 Mbps (d^{-2}plex medio) / 200 Mbps (d^{-2}plex completo) Gigabit Ethernet: 2000 Mbps (d^{-2}plex completo)			
Medios de transmisión		Ethernet: Cable CAT3 UTP/STP o superior Fast Ethernet: Cable CAT5 UTP/STP o superior Gigabit Ethernet: Cable CAT5E o UTP/STP CAT6 (recomendado)			
Estándares		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Spécifications — Français

Modèle		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interface	Port RJ45 10/100 /1000 Mbps	2			
	Port RJ45 10 /100 Mbps	16		24	
	Port SFP 1000 Mbps	1 Le port SFP2 et le port G2 composent un port combiné et le port SFP possède une priorité plus élevée.			
	Mode de fonctionnement	**Norme** : Mode par défaut du commutateur. Paramétré sur ce mode, le commutateur fonctionne comme un commutateur non-géré et tous les ports peuvent communiquer entre eux séparément.			
		Priorité : Dans ce mode, les ports G1 et G2/SFP2 font office de de ports de liaison montante, les ports 1 à 8 font office de port haute priorité. Tous les ports peuvent communiquer entre eux séparément.			
		Amplifier : Dans ce mode, le débit de données des ports 9 à 16 diminue à 10 Mbit/s, la distance de transmission maximale peut être de 250 mètres et tous les ports peuvent communiquer entre eux.		**Amplifier** : Dans ce mode, le débit de données des ports 17 à 24 diminue à 10 Mbit/s, la distance de transmission maximale peut être de 250 mètres et tous les ports peuvent communiquer entre eux.	
		VLAN : Dans ce mode, les ports 1 à 16 du commutateur peuvent communiquer avec les ports G1, G2/SFP2 séparément mais pas entre eux. Vous pouvez activer ce mode pour réduire la diffusion et isoler la diffusion DHCP.		**VLAN** : Dans ce mode, les ports 1 à 24 du commutateur peuvent communiquer avec les ports G1, G2/SFP2 séparément mais pas entre eux. Vous pouvez activer ce mode pour réduire la diffusion et isoler la diffusion DHCP.	
Fonction	Enregistrer et transférer	Supporté			
	Tableau des adresses MAC	4 K		16 K	
	Apprentissage des adresses MAC	Auto-apprentissage, vieillissement automatique			
	Largeur de bande de face arrière	7.2 Gbps		8.8 Gbps	
Alimentation électrique PoE	Norme PoE	IEEE 802.3af, IEEE 802.3at			
	Port PoE	1 - 16		1 - 24	
	Sortie maximale d'un port unique	30 W			
	Sortie maximale du commutateur	130 W	230 W		370 W
	Âmes des câbles d'alimentation PoE	8 cœurs : la tension des noyaux 1, 2, 4, 5 est + et celle des noyaux 3, 6, 7, 8 est -.			
Protection contre la foudre	Port RJ45	Mode commun : 6 kV			
	Alimentation électrique	Mode commun : 6 kV Mode différentiel : 4 kV			
Environnements	Environnement opérationnel	Température : (0 - 45)°C Humidité : (10%~90%) RH, non-condensant			
	Environnement de stockage	Température : (-40 - 70)°C Humidité : (5%~90%) RH, non-condensant			
Tension d'entrée		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Dimension		294 * 178.8 * 44 mm	440 * 178.8 * 44 mm		440 * 284 * 44 mm
Vitesse de transmission des données		Ethernet : 10 Mbit/s (semi-duplex)/20 Mbit/s (duplex intégral) Fast Ethernet : 100 Mbit/s (semi-duplex)/200 Mbit/s (duplex intégral) Gigabit Ethernet : 2000 Mbit/s (duplex intégral)			
Support de transmission		Ethernet : Câble CAT3 UTP/STP ou supérieur Fast Ethernet : Câble CAT5 UTP/STP ou supérieur Gigabit Ethernet : Câble CAT5e ou CAT6 UTP/STP (recommandé)			
Normes		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Dane techniczne — Polski

Model		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interfejs	Port RJ45 10/100 /1000 Mb/s	2			
	Port RJ45 10/100 Mb/s	16		24	
	Port SFP 1000 Mb/s	1 Porty SFP2 i G2 tworzą port łączony, a port SFP ma wyższy priorytet.			
	Tryb pracy	**Standardowy**: domyślny tryb przełącznika. W tym trybie działa jako przełącznik niezarządzany; wszystkie porty mogą komunikować się ze sobą oddzielnie.			
		Priorytetowy: w tym trybie porty G1 I G2/SFP2 służą jako porty uplink, a porty 1–8 służą jako porty o wysokim priorytecie. Wszystkie porty mogą komunikować się ze sobą oddzielnie.			
		Rozwinięty: w tym trybie szybkość transmisji danych dla portów 9–16 zmniejsza się do 10 Mb/s, maksymalna odległość transmisji może wynosić 250 metrów, a wszystkie porty mogą się ze sobą komunikować.		**Rozwinięty**: w tym trybie szybkość transmisji danych dla portów 17–24 zmniejsza się do 10 Mb/s, maksymalna odległość transmisji może wynosić 250 metrów, a wszystkie porty mogą się ze sobą komunikować.	
		VLAN: w tym trybie porty 1–16 przełącznika mogą komunikować się oddzielnie z portami G1, G2/SFP2, ale nie mogą komunikować się ze sobą nawzajem. Można włączyć ten tryb, aby zmniejszyć burzę broadcastową i odizolować transmisję DHCP.		**VLAN**: w tym trybie porty 1–24 przełącznika mogą komunikować się oddzielnie z portami G1, G2/SFP2, ale nie mogą komunikować się ze sobą nawzajem. Można włączyć ten tryb, aby zmniejszyć burzę broadcastową i odizolować transmisję DHCP.	
Funkcja	Store and forward	Obsługiwane			
	Tabela adresu MAC	4 K		16 K	
	Nauka adresu MAC	Nauka samodzielna, automatyczne starzenie			
	Przepustowość płyty montażowej	7.2 Gbps		8.8 Gbps	
System zasilania PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at			
	Port PoE	1 - 16		1 - 24	
	Maksymalna moc wyjściowa pojedynczego portu	30 W			
	Maksymalna moc wyjściowa przełącznika	130 W	230 W		370 W
	Rdzeń kabla zasilającego PoE	8 rdzeni: napięcie rdzeni 1, 2, 4, 5 wynosi +, a rdzeni 3, 6, 7, 8 wynosi -.			
Ochrona przed piorunami	Port RJ45	Tryb wspólny: 6 kV			
	Zasilanie	Tryb wspólny: 6 kV Tryb różnicowy: 4 kV			
Środowisko	Środowisko pracy	Temperatura: (0–45)°C Wilgotność: (10–90%) wilgotności względnej, bez kondensacji			
	Środowisko przechowywania	Temperatura: (-40–70)°C Wilgotność: (5–90%) wilgotności względnej, bez kondensacji			
Napięcie wejściowe		100-240V AC 50/60Hz 2.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 4.0A	100-240V AC 50/60Hz 6.0A
Wymiary		294 × 178,8 × 44 mm	440 × 178,8 × 44 mm		440 × 284 × 44 mm
Szybkość transmisji danych		Sieć Ethernet: 10 Mb/s (półdupleks) / 20 Mb/s (pełny dupleks) Szybka sieć Ethernet: 100 Mb/s (półdupleks) / 200 Mb/s (pełny dupleks) Gigabitowa sieć Ethernet: 2000 Mb/s (pełny dupleks)			
Środki transmisji		Sieć Ethernet: Kabel CAT3 UTP/STP lub lepszy Szybka sieć Ethernet: Kabel CAT5 UTP/STP lub lepszy Gigabitowa sieć Ethernet: Kabel CAT5e lub CAT6 UTP/STP (zalecany)			
Standardy		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Specificații — Română

Model		F1118P-16-150W	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Interfață	Port RJ45 10/100 /1000 Mbps	2			
	Port RJ45 10/100 Mbps	16		24	
	Port SFP 1000 Mbps	1 Portul SFP2 și portul G2 formează un port combo, iar portul SFP are prioritate mai mare.			
	Mod de funcționare	**Standard**: Modul implicit al switch-ului PoE. În acest mod, funcționează ca un switch fără management; toate porturile pot comunica între ele separat.			
		Prioritate: În acest mod, portul G1 și portul G2/SFP2 servesc drept porturi de încărcare, porturile 1 – 8 servesc drept porturi de prioritate ridicată. Toate porturile pot comunica între ele separat.			
		Extindeți: În acest mod, rata de transfer a datelor a porturilor 9 - 16 este redusă la 10 Mbps, distanța maximă de transmitere poate fi de 250 metri și toate porturile pot comunica între ele.		**Extindeți**: În acest mod, rata de transfer a datelor a porturilor 17 - 24 este redusă la 10 Mbps, distanța maximă de transmitere poate fi de 250 metri și toate porturile pot comunica între ele.	
		VLAN: În acest mod, porturile 1 - 16 ale switch-ului pot comunica cu portul G1, G2/SFP2 separat, dar nu pot comunica între ele. Puteți utiliza acest mod pentru a reduce broadcast storm și pentru a izola DHCP broadcast.		**VLAN**: În acest mod, porturile 1 - 24 ale switch-ului pot comunica cu portul G1, G2/SFP2 separat, dar nu pot comunica între ele. Puteți utiliza acest mod pentru a reduce broadcast storm și pentru a izola DHCP broadcast.	
Funcție	Stocare și derulare înainte	Suportat			
	Tabel adresă MAC	4 K		16 K	
	Învățare adresă MAC	Auto-învățare, auto-învechire			
	Lungime de bandă placă de conectare	7.2 Gbps		8.8 Gbps	
Sursă de alimentare PoE	PoE standard	IEEE 802.3af și IEEE 802.3at			
	PoE port	1 - 16		1 - 24	
	Ieșire maximă a unui singur port	30 W			
	Ieșire maximă a switch-ului	130 W	230 W		370 W
	Conductor cablu de alimentare PoE	8 conductori: tensiunea conductorilor 1, 2, 4, 5 este +, iar a conductorilor 3, 6, 7, 8 este -.			
Protecție împotriva descărcărilor electrice	Port RJ45	Mod obișnuit: 6 kV			
	Sursa de alimentare	Mod obișnuit: 6 kV Mod diferențial: 4 kV			
Mediu	Mediu de funcționare	Temperatura: (0 - 45) °C Umiditate: (10% - 90%) umiditate relativă, fără condens			
	Mediu de depozitare	Temperatura: (-40 - 70) °C Umiditate: (5% - 90%) umiditate relativă, fără condens			
Tensiune de intrare		100-240V c.a., 50/60Hz 2.0A	100-240V c.a., 50/60Hz 4.0A	100-240V c.a., 50/60Hz 4.0A	100-240V c.a., 50/60Hz 6.0A
Dimensiune		294 * 178,8 * 44 mm	440 * 178,8 * 44 mm		440 * 284 * 44 mm
Rată de transmitere a datelor		Ethernet: 10 Mbps (half-duplex)/20 Mbps (full-duplex) Ethernet rapid: 100 Mbps (half-duplex)/200 Mbps (full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)			
Mediu de transmitere		Ethernet: Cablu CAT3 UTP/STP sau o versiune mai nouă Ethernet rapid: Cablu CAT5 UTP/STP sau o versiune mai nouă Gigabit Ethernet: Cablu CAT5E sau CAT6 UTP/STP (recomandat)			
Standarde		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z			

Safety Precautions

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- 1.Do not use this apparatus near water.
- 2.Clean only with dry cloth.
- 3.Do not block any ventilation openings, such as newspapers, table-cloth, curtains, etc.
- 4.Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- 5.Do not damage the ground conductor or operate the device in the absence of well installed ground conductor. Conduct the appropriate electrical inspection.
- 6.Protect the power cord from being walk on or pinched particularly at the plugs, convenience receptacles and at the point where they exit from the apparatus.
- 7.Only use attachments/accessories specified by the manufacturer.
- 8.Unplug this apparatus during lighting storms or when unused for long periods of time.
- 9.Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 10.Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 11.Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing.
- 12.Warning: To reduce the risk of electric shock, do not remove cover as there no user-serviceable parts inside. Refer servicing to qualified personnel.

CE Mark Warning

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.
The mains plug is used as disconnect device; the disconnect device shall remain readily operable.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Caution:

F1118P-16-150W
Input: 100 - 240 V AC 50/60 Hz, 2.0 A
Output: 53.5 V ⎓ 2.8 A
⎓ : DC Voltage

F1118P-16-250W/F1126P-24-250W
Input: 100-240V AC 50/60Hz 4.0A
Output: 53.5 V ⎓ 4.7A

F1126P-24-410W
Input: 100 - 240 V AC 50/60 Hz, 6A
Output: 53.5 V ⎓ 7.7A

FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Producto	NOMBRE DEL PRODUCTO: 16FE+2GE/1SFP Switch no administrable de 16 puertos PoE MODELO: F1118P-16-150W
Alimentador de Energía: Alimentación: 100 - 240 V ca 50/60 Hz, 2.0 A Salida: 53.5 V cc 2.8 A	
PAIS DE ORIGEN: CHINA	

Producto	NOMBRE DEL PRODUCTO: 16FE+2GE/1SFP Switch no administrable de 16 puertos PoE MODELO: F1118P-16-250W
Alimentador de Energía: Alimentación: : 100 - 240 V ca 50/60 Hz, 4.0 A Salida: 53.5 V cc 4.7 A	
PAIS DE ORIGEN: CHINA	

Producto	NOMBRE DEL PRODUCTO: 24FE+2GE/1SFP Switch no administrable de 24 puertos PoE MODELO: F1126P-24-250W
Alimentador de Energía: Alimentación: 100 - 240 V ca 50/60 Hz, 4.0 A Salida: 53.5 V cc 4.7 A	
PAIS DE ORIGEN: CHINA	

Producto	NOMBRE DEL PRODUCTO: 24FE+2GE/1SFP Switch no administrable de 24 puertos PoE MODELO: F1126P-24-410W
Alimentador de Energía: Alimentación: 100 - 240 V ca 50/60 Hz, 6.0 A Salida: 53.5 V cc 7.7 A	
PAIS DE ORIGEN: CHINA	

LA OPERACIóN DE ESTE DISPOSITIVO ESTA SUJETA A LAS SIGUIENTES CONDICIONES:
a) Es posible que este equipo o dispositivo no cause interferencia perjudicial.
b) Este equipo o dispositivo debe aceptar cualquier tipo de interferencia, incluyendo la que pueda causar su operación no deseada.

Technical Support
Address: Room 101, Unit A, First Floor,
Tower E3, NO.1001, Zhongshanyuan Road,
Nanshan District, Shenzhen, China. 518052
Tel: (86755) 2765 3089
Email: info@ip-com.com.cn
Website: www.ip-com.com.cn

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