IP-COM

Quick Installation Guide

16GE+2SFP Ethernet Unmanaged Switch With 16-Port PoE
24GE+2SFP Ethernet Unmanaged Switch With 24-Port PoE
G1118P-16-250W
G1126P-24-410W

Package contents

- Switch x 1
- Power cord x 1
- L-shaped bracket x 2
- Screw (KM3*8 mm) x 8
- Footpad x 4
- Quick installation guide x 1

This guide instructs how to install and connect the device. For more details, please visit www.ip-com.com.cn

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1 Install the device

G1118P-16-250W is used as an example for illustration here.

1.1 Preparations

You shall prepare the following tools and materials for device installation.

- Rack mounting: ESD bracelet (or ESD gloves), screwdriver, 4 screws (to secure the switch to the rack)
- Wall mounting: ESD bracelet (or ESD gloves), marker, hammer drill, rubber hammer, screwdriver, 4 expansion bolts (M5*40 mm), 4 screws (PA5*25 mm, head diameter: 10 mm)
- Desktop mounting: ESD bracelet (or ESD gloves)

1.2 Installation

• Rack mounting (to a standard 19-inch rack)

Step 1 Ensure that the rack is stable and level, and is properly grounded.

Step 2 Fix the two L-shaped brackets to both sides of the switch using the included screws.



Step 3 Choose a proper height and fix the L-shaped brackets to the rack using screws (self-prepared). Ensure that the switch is seated securely on the rack.



• Wall mounting

Note: - Do NOT install the switch with its air vents facing downward; otherwise, there will be potential safety hazards.
- This switch can only be installed on a concrete or non-flammable wall.

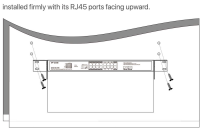
Step 1 Rotate the two L-shaped brackets by 90 degrees and fix them to both sides of the switch with the included screws.



Step 2 Horizontally place the switch onto the wall with its RJ45 ports facing upward. Then mark the screw holes with the marker.

Step 3 Drill holes in the marked positions, and then knock the expansion bolts (self-prepared, M5*40 mm) into the holes.

Step 4 Insert the screws (self-prepared, PA5*25 mm, head diameter: 10 mm) through the holes of the two L-shaped brackets, and secure the screws into the expansion bolts with a screwdriver. Ensure that the switch is installed firmly with its RJ45 ports facing upward.



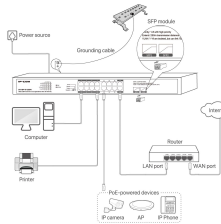
• Desktop mounting

Paste the four footpads to the four recesses on the bottom of the switch. Then turn the switch upside down, and place it on a big enough, clean, stable and flat desktop.



2 Connect the device

The typical network topology of the switch is as shown below.
G1118P-16-250W is used for illustration.



Note: - The switch supports auto MDI/MDIX. You can use either a straight-through cable or a crossover cable to connect the switch to Ethernet devices.
- The switch supports power supply priorities for the PoE ports. 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 power supply priority (the port with the largest port number) until the total power consumption of the PoE-powered devices is less than the maximum output of the switch.

After connection, you can check whether the switch is connected properly or change the working mode according to the following table.

LED indicator/ Toggle	Description
SFP1, SFP2, Link/Act	**Solid on:** The port is connected to a device, but no data is being transmitted over the port. **Blinking:** The port is connected to a device, and data is being transmitted over the port. **Off:** The port is not connected or is not connected properly.
PoE-MAX	**Solid on:** The total PoE output power reaches the maximum output power of the switch. **Off:** The total PoE output power does not reach the maximum output power of the switch.
Power	**Solid on:** The switch is powered on properly. **Off:** The switch is not powered on or not powered on properly.
Working mode toggle	**Standard:** Default mode of the switch. In this mode, the switch works as an ordinary unmanaged switch, and all ports can communicate with each other. **Priority:** In this mode, ports SFP1 and SFP2 serve as uplink ports, and ports 1–16 serve as ports with high priority. All ports can communicate with each other. When multiple IP cameras are connected to the switch, you can use this mode and connect the IP cameras in key surveillance areas to the ports with high priority, and the uplink devices (such as NVR and router) to the two uplink ports. This guarantees a higher priority for IP cameras in key surveillance areas when network congestion occurs, and improves the smoothness of the monitoring videos. **Extend:** In this mode, the port statuses of the switches are as shown below. • For G1118P-16-250W, the maximum transmission distance of ports 9–14 can reach 250 meters, and all ports can communicate with each other. • For G1126P-24-410W, the maximum transmission distance of ports 17–22 can reach 250 meters, and all ports can communicate with each other. For the better network extension effect, please use CAT5e Ethernet cables or above, and set the speed and duplex mode of the port of the peer device to Auto-negotiation. If the peer device is an IP camera, set its bit rate below 8 Mbps for timeliness of video transmission. **VLAN:** In this mode, the working statuses of the switches are as shown below. • For G1118P-16-250W, ports 1–14 cannot communicate with each other, but can communicate with ports 15, 16, SFP1, and SFP2. • For G1126P-24-410W, ports 1–22 cannot communicate with each other, but can communicate with ports 23, 24, SFP1, and SFP2. VLAN mode helps isolate DHCP broadcast and reduce broadcast storm.

Specifications — English

Model		G1118P-16-250W	G1126P-24-410W
Port	10/100/1000 Mbps RJ45 port	16	24
	1000 Mbps SFP port	2 *G1118P-16-250W: 2 independent SFP ports *G1126P-24-410W: Port 23 and port SFP1 compose a combo port, and port 23 owns a higher priority; Port 24 and port SFP2 compose a combo port, and port 24 owns a higher priority.	
	Working mode	Standard, Priority, Extend, VLAN	
Performance	Switching mode	Store-and-forward	
	MAC address table learning	Auto aging, auto learning	
	MAC address table	8 K	
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at	
	PoE power cable core	8 cores: voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is -	
	PoE port	1–16	1–24
	Maximum output power of a single port	30 W	
	Maximum output power of the switch	230 W	370 W
Dimensions (L × W × H)		440 mm × 179.6 mm × 44 mm	440 mm × 284 mm × 44 mm
Input voltage		100–240V AC, 50/60Hz, 4 A	100–240V AC, 50/60Hz, 6 A
Lightning protection	RJ45 port	Common mode: 6 kV	
	Power supply	Common mode: 6 kV Differential mode: 4 kV	
Operating environment		Temperature: 0°C – 40°C Humidity: 10% – 90% RH, non-condensing	
Storage environment		Temperature: -40°C – 70°C Humidity: 0% – 90% RH, non-condensing	
Data transmission 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		Fast Ethernet: CAT5 UTP/STP or better Gigabit Ethernet: CAT5e or CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF or SMF	
Network standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Характеристики — Русский

Модель		G1118P-16-250W	G1126P-24-410W
Порт	Порт RJ45 10/100/1000 Мбит/с	16	24
	Порт SFP 1000 Мбит/с	2 *G1118P-16-250W: 2 независимые SFP-порта *G1126P-24-410W: Порты 23 и SFP1 составляют комбинированный порт, и порт 23 имеет более высокий приоритет; Порты 24 и SFP2 составляют комбинированный порт, и порт 24 имеет более высокий приоритет.	
Рабочий режим		Standard (Стандарт), Priority (Приоритет), Extend (Расширение), VLAN	
Технические показатели	Режим переключения	Сохранение и сквозная передача	
	Изучение MAC-адресов	Автоматическое старение, автоматическое обучение	
	Таблица MAC-адресов	8 K	
Электропитание PoE	Стандарт PoE	IEEE 802.3af, IEEE 802.3at	
	Жила силового кабеля PoE	8 жил: напряжение жил портов 1, 2, 4, 5 — "+", а для жил 3, 6, 7, 8 — "-".	
	PoE-порт	1–16	1–24
	Максимальная выходная мощность одного порта	30 Вт	
	Максимальная выходная мощность коммутатора	230 Вт	370 Вт
Размеры (Д × Ш × В)		440 мм × 179,6 мм × 44 мм	440 мм × 284 мм × 44 мм
Входное напряжение		100–240 В перем. тока, 50/60 Гц, 4A	100–240 В перем. тока, 50/60 Гц, 6A
Молниезащита	Порт RJ45	Обычный режим: 6 kV	
	Источник питания	Обычный режим: 6 kV Дифференциальный режим: 4 kV	
Рабочая среда		Температура: 0°C – 40°C Влажность: 10–90% без конденсации	
Условия хранения		Температура: -40°C – 70°C Влажность: 0–90% без конденсации	
Скорость передачи информации		Ethernet: 10 Мбит/с (полудуплексный)/20 Мбит/с (полнодуплексный) Fast Ethernet: 100 Мбит/с (полудуплексный)/200 Мбит/с (полнодуплексный) Гигабитный Ethernet: 2000 Мбит/с (полнодуплексный)	
Средства передачи		Fast Ethernet: кабель CAT5 UTP/STP или выше Gigabit Ethernet: кабель CAT5e или CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF или SMF	
Стандарты сети		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Спецификации — Български

Модел		G1118P-16-250W	G1126P-24-410W
Порт	10/100/1000 Mbps RJ45 порт	16	24
	1000 Mbps SFP порт	2 *G1118P-16-250W: 2 независими SFP порта *G1126P-24-410W: Порти 23 и SFP1 образуват комбиниран порт, и 23 порт е с по-висок приоритет; 24 порт и SFP2 порт образуват комбиниран порт, и 24 порт е с по-висок приоритет.	
Работни режими		Standard (Стандартен), Priority (Приоритет), Extend (Удължаване), VLAN	
Технически показатели	Режим на препредаване	Съхраняване и препращане	
	MAC-адресообучаване	Автоматично изтриване, автоматично учене	
	Таблица MAC-адреси	8 K	
PoE захранване	PoE стандарт	IEEE 802.3af, IEEE 802.3at	
	PoE захранващ кабелен ядро	8 ядра: напрежение на ядра 1, 2, 4, 5 е +, и ядра 3, 6, 7, 8 е -.	
	PoE порт	1–16	1–24
	Максимална изходна мощност на един порт	30 W	
	Максимална изходна мощност на превключвателя	230 W	370 W
Размери (Д x Ш x В)		440 мм x 179,6 мм x 44 мм	440 мм x 284 мм x 44 мм
Входящо напрежение		100–240 V AC, 50/60 Hz, 4 A	100–240 V AC, 50/60 Hz, 6 A
Мълниезащита	RJ45 порт	Обща реакция: 6 kV	
	Захранване	Обща реакция: 6 kV Диференциална реакция: 4 kV	
Работна среда		Температура: 0°C – 40°C Влажност: 10% – 90% RH, несъбиращи	
Среда за съхранение		Температура: -40°C – 70°C Влажност: 0% – 90% RH, несъбиращи	
Скорост на предаване на данни		Ethernet: 10 Mbps (полудуплекс)/20 Mbps (пълен дуплекс) Fast Ethernet: 100 Mbps (полудуплекс)/ 200 Mbps (пълен дуплекс) Гигабитов Ethernet: 2000 Mbps (пълен дуплекс)	
Носители за предаване		Fast Ethernet: CAT5 UTP/STP или по-добре Гигабитов Ethernet: CAT5e или CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF или SMF	
Мрежови стандарти		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Spezifikationen — Deutsch

Modell		G1118P-16-250W	G1126P-24-410W
Port	10/100/1000 Mbit/s RJ45-Port	16	24
	1000 Mbit/s SFP-Port	2 *G1118P-16-250W: 2 unabhängige SFP-Ports *G1126P-24-410W: Die Ports 23 und SFP1 bilden einen Kombi-Port, Der Port 23 wird priorisiert behandelt. Die Ports 24 und SFP2 bilden einen Kombi-Port. Der Port 24 wird priorisiert behandelt.	
Betriebsmodus		Standard (Standard), Priority (Priorität), Extend (Erweitert), VLAN	
Leistung	Modus wechseln	Speichern und weiterleiten	
	MAC-Adressentabelle lernen	Automatisches Altern, automatisches Lernen	
	MAC-Adressentabelle	8 K	
PoE-Stromversorgung	PoE-Standard	IEEE 802.3af, IEEE 802.3at	
	Anzahl der PoE-Kabelkerne	8 Kerne: Spannung der Kerne 1, 2, 4, 5 ist „+“. Sei den Kernen 3, 6, 7, 8 ist sie „-“.	
	PoE-Port	1–16	1–24
	Maximale Leistung eines einzelnen Ports	30 W	
	Maximale Leistung vom Switch	230 W	370 W
Abmessungen (L x B x H)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Nennspannung		100 - 240 V AC, 50/60 Hz, 4A	100 - 240 V AC, 50/60 Hz, 6A
Überspannungsschutz	RJ45-Port	Normaler Modus: 6 kV	
	Stromversorgung	Normaler Modus: 6 kV Differentialmodus: 4 kV	
Betriebsumgebung		Temperatur: 0°C - 40°C Luftfeuchtigkeit: 10 % - 90 % RH, nicht kondensierend	
Lagerumgebung		Temperatur: -40°C - 70°C Luftfeuchtigkeit: 0% - 90 % RH, nicht kondensierend	
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		Fast Ethernet: CAT5 UTP/STP-Kabel oder höher Gigabit Ethernet: CAT5e oder CAT6 UTP/STP-Kabel 1000Base-SX: MMF 1000Base-LX: MMF oder SMF	
Netzwerkstandards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Specifiche — Italiano

Modello		G1118P-16-250W	G1126P-24-410W
Porte	Porta RJ45 10/100/1000 Mbps	16	24
	Porta SFP 1000 Mbps	2 *G1118P-16-250W: 2 porte SFP indipendenti *G1126P-24-410W: Le porte 23 e SFP1 compongono una porta combinata e le porta 23 ha una priorità più elevata. Le porte 24 e SFP2 compongono una porta combinata e la porta 24 ha una priorità più elevata.	
Modalità di lavoro		Standard, Priority (Priorità), Extend (Estensione), VLAN	
Prestazioni	Modalità switching	Store-and-forward	
	Apprendimento degli indirizzi MAC	Automatico Altern, automatisches Lernen	
	Tabella degli indirizzi MAC	Auto invecchiamento, auto apprendimento	
	Numero dei cavi di alimentazione PoE	8 K	
Alimentazione PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at	
	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 -.	
	Porta PoE	1–16	1–24
	Resa massima di una singola porta	30 W	
	Resa massima dell'interruttore	230 W	370 W
Dimensioni (L x P x A)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Tensione di ingresso		100 – 240 V CA, 50/60 Hz, 4A	100 – 240 V CA, 50/60 Hz, 6A
Protezione contro i fulmini	Porta RJ45	Modalità comune: 6 kV	
	Alimentazione	Modalità comune: 6 kV Modalità differenziale: 4 kV	
Ambiente operativo		Temperatura: 0°C – 45 °C Umidità: 10% - 90% UR, senza condensa	
Ambiente di immagazzinaggio		Temperatura: -40°C – 70°C Umidità: 0% - 90% UR, senza condensa	
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		Fast Ethernet: Cavo UTP/STP CAT5 o superiore Gigabit Ethernet: Cavo UTP/STP CAT5e o CAT6 1000Base-SX: MMF 1000Base-LX: MMF o SMF	
Standard di rete		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Especificações — Português

Modelo		G1118P-16-250W	G1126P-24-410W
Porta	Porta RJ45 10/100/1000 Mbps	16	24
	Porta SFP 1000 Mbps	2 *G1118P-16-250W: 2 bajonoz SFP portu *G1126P-24-410W: 23 nofu port ve SFP1 portu paylaşımlı (Combo) olarak çalışır ve 23 no'lu port SFP1 portuna göre daha yüksek öncelliğe sahiptir. 24 no'lu port ve SFP2 portu paylaşımlı (Combo) olarak çalışır ve 24 no'lu port SFP2 portuna göre daha yüksek öncelliğe sahiptir.	
	Modos de funcionamento	Standard (Padrão), Priority (Prioridade), Extend (Estendido), VLAN	
Desempenho	Modo de comutação	Armazenar y retransmitir	
	Aprendizagem de endereços MAC	Envelhecimento automático, aprendizagem automática	
	Tabela de endereços MAC	8 K	
Fonte de alimentação PoE	Norma PoE	IEEE 802.3af, IEEE 802.3at	
	Núcleo del cabo de energía PoE	8 núcleos: a voltaje de los núcleos 1, 2, 4, 5 é superior a e dos núcleos 3, 6, 7, 8 é -.	
	Porta de PoE	1 - 16	1 - 24
	Saída máxima de uma única porta	30 W	
	Saída máxima do comutador	230 W	370 W
Dimensões (C x L x A)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Tensão de entrada		100–240V AC, 50/60Hz, 4 A	100–240V AC, 50/60Hz, 6 A
Proteção contra raios	Portas RJ45	Modo comum: 6 kV	
	Fonte de energia	Modo comum: 6 kV Modo diferencial: 4 kV	
Ambiente operacional		Temperatura: 0°C – 45°C Humidade: 10% - 90% de HR, sem condensação	
Ambiente de armazenamento		Temperatura: -40°C - 70°C Humidade: 0% - 90% de HR, sem condensação	
Taxa de transmissão de dados		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)	
Meios de transmissão		Ethernet rápido: Cabo CAT5 UTP/STP ou superior Gigabit Ethernet: Cabo CAT5E ou CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF ou SMF	
Padrões de rede		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Especificaciones — Español

Modelo		G1118P-16-250W	G1126P-24-410W
Puerto	Puerto RJ45 de 10/100/1000 Mbps	16	24
	Puerto SFP de 1000 Mbps	2 *G1118P-16-250W: 2 puertos SFP independientes *G1126P-24-410W: El puerto SFP1 es el puerto 23 formado un puerto combinado, y el puerto 23 tiene una prioridad más alta. El puerto SFP2 es el puerto 24 formado un puerto combinado, y el puerto 24 tiene una prioridad más alta.	
	Modo de funcionamiento	Estándar, Prioridad, Extender, VLAN	
Rendimiento	Modo de conmutación	Almacenar y retransmitir	
	Aprendizaje de direcciones MAC	Vencimiento automático, aprendizaje automático	
	Tabla de direcciones MAC	8 K	
Fuente de alimentación PoE	Estándar de PoE	IEEE 802.3af, IEEE 802.3at	
	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 -.	
	Puerto PoE	1 – 16	1 – 24
	Salida máxima de un solo puerto	30 W	
	Salida máxima del conmutador	230 W	370 W
Dimensiones (L x An x Al)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Voltaje de entrada		100 - 240 V CA, 50/60 Hz, 4 A	100 - 240 V CA, 50/60 Hz, 6 A
Protección contra rayos	Puerto RJ45	Modo común: 6 kV	
	Fuente de alimentación	Modo común: 6 kV Modo diferencial: 4 kV	
Entorno de funcionamiento		Temperatura: 0–45 °C Humedad: 10 %–90 % HR, sin condensación	
Entorno de almacenamiento		Temperatura: -40–70 °C Humedad: 5 %–90 % HR, sin condensación	
Velocidad de transmisión de datos		Ethernet: 10 Mbps (modos medio)/20 Mbps (dúplex completo) Fast Ethernet: 100 Mbps (modos medio)/200 Mbps (dúplex completo) Gigabit Ethernet: 2000 Mbps (dúplex completo)	
Medios de transmisión		Fast Ethernet: Cable CAT5 UTP/STP o superior Gigabit Ethernet: CAT5e o CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF o SMF	
Estándares de red		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Spécifications — Français

Modèle		G1118P-16-250W	G1126P-24-410W
Port	Port RJ45 10/100/1000 Mbps	16	24
	Port SFP 1000 Mbps	2 *G1118P-16-250W: 2 ports SFP indépendants *G1126P-24-410W: Le port SFP1 et le port 23 composent un port combiné et le port 23 possède une priorité plus élevée. Le port SFP2 et le port 24 composent un port combiné et le port 24 possède une priorité plus élevée.	
	Mode de fonctionnement	Standard (Normal), Priority (Prioritaire), Extend (Rouvrange), VLAN	
Performance	Mode de commutation	Stockage et transmission	
	Apprentissage des adresses MAC	Auto-vieillissement, auto apprentissage	
	Tableau des adresses MAC	8 K	
Alimentation électrique PoE	Norme PoE	IEEE 802.3af, IEEE 802.3at	
	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 -.	
	Port PoE	1 – 16	1 – 24
	Sortie maximale d'un port unique	30 W	
	Sortie maximale du commutateur	230 W	370 W
Dimensions (L x W x H)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Tension d'entrée		100–240V AC, 50/60Hz, 4A	100–240V AC, 50/60Hz, 6A
Protection contre la foudre	Alimentation électrique	Mode commun : 6 kV Mode différentiel : 4 kV	
Environnement opérationnel		Température : 0°C – 45°C Humidité : 10 % – 90 % HR, non-condensant	
Environnement de stockage		Température : -40°C – 70°C Humidité : 0 % – 90 % HR, non-condensant	
Taux de transmission des données		Ethernet : 10 Mbps (semi-duplex)/20 Mbps (duplex intégral) Fast Ethernet : 100 Mbps (semi-duplex)/200 Mbps (duplex intégral) Gigabit Ethernet : 2000 Mbps (duplex intégral)	
Support de transmission		Fast Ethernet : CAT5 UTP/STP ou supérieur Gigabit Ethernet : CAT5e ou CAT6 UTP/STP 1000Base-SX : MMF 1000Base-LX : MMF ou SMF	
Normes réseau		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Dane techniczne — Polski

Model		G1118P-16-250W	G1126P-24-410W
Port	Port RJ45 10/100/1000 Mb/s	16	24
	Port SFP 1000 Mb/s	2 *G1118P-16-250W: 2 niezależne porty SFP *G1126P-24-410W: Port SFP1 w parze z portem 23 tworzą port łączony, a port 23 ma wyższy priorytet. Porty 24 i SFP2 tworzą port łączony, a port 24 ma wyższy priorytet.	
	Tryb pracy	Standard (Standardowy), Priority (Priorytetowy), Extend (Rozwinięty), VLAN	
Wydajność	Tryb przełączania	Zapis-i-wysyłki	
	Nauka adresów MAC	Nauka samodzielna, automatyczne starzenie	
	Tabela adresów MAC	8 K	
System zasilania PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at	
	Rdzeń kabla zasilającego PoE	8 rdzeni: napięcie rdzeni 1, 2, 4, 5 wynosi +, a rdzeni 3, 6, 7, 8 wynosi -.	
	Port PoE	1 - 16	1 - 24
	Maksymalna moc wyjściowa pojedynczego portu	30 W	
	Maksymalna moc wyjściowa przełącznika	230 W	370 W
Wymiary (dł. x szer. x wys.)		440 mm x 179,6 mm x 44 mm	440 mm x 284 mm x 44 mm
Napięcie wejściowe		100 - 240V AC, 50/60Hz, 4A	100 - 240V AC, 50/60Hz, 6A
Ochrona odgromowa	Port RJ45	Tryb wspólny: 6 kV	
	Zasilanie	Tryb wspólny: 6 kV Tryb różnicowy: 4 kV	
Środowisko pracy		Temperatura: 0°C - 45°C Wilgotność: 10–90% względności względnej, bez kondensacji	
Środowisko przechowywania		Temperatura: -40°C - 70°C Wilgotność: 0–90% względności względnej, bez kondensacji	
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		Szybka sieć Ethernet: kabel CAT5 UTP/STP lub lepszy Gigabitowa sieć Ethernet: kabel CAT5e lub CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF lub SMF	
Standardy sieciowe		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Specificații — Română

Model		G1118P-16-250W	G1126P-24-410W
Port	Port RJ45 10/100/1000 Mbps	16	24
	Port SFP 1000 Mbps	2 *G1118P-16-250W: 2 porturi SFP independente *G1126P-24-410W: Portul SFP1 și portul 23 formează un port combo, iar portul 23 are prioritate mai mare. Portul SFP2 și portul 24 formează un port combo, iar portul 24 are prioritate mai mare.	
	Mod de funcționare	Standard, Priority (Prioritate), Extend (Extindere), VLAN	
Performanță	Switching mode	Store-and-forward	
	MAC address table learning	Auto aging, auto learning	
	MAC address table	8 K	
Alimentare PoE	PoE standard	IEEE 802.3af, IEEE 802.3at	
	Conductor cablu de alimentare PoE	8 conductori: tensiunea conductorilor 1, 2, 4, 5 este +, iar a celor 3, 6, 7, 8 este -.	
	Port PoE	1 - 16	1 - 24
	Putere maximă pe port	30 W	
	Putere maximă totală a switch-ului	230 W	370 W
Dimensiuni (L x l x Î)		440 x 179.6 x 44 mm	440 x 284 x 44 mm
Tensiune de intrare		100 - 240 V c.a., 50/60 Hz, 4 A	100 - 240 V c.a., 50/60 Hz, 6 A
Protecție împotriva descărcărilor electrice	RJ45	Mod obișnuit: 6 kV	
	Sursa de alimentare	Mod obișnuit: 6 kV Mod diferențial: 4 kV	
Mediu de funcționare		Temperatura: 0°C - 45°C Umiditate: (10% - 90%) umiditate relativă, fără condens	
Mediu de depozitare		Temperatura: -40°C - 70°C Umiditate: (5% - 90%) umiditate relativă, fără condens	
Viteză de transmitere a datelor		Ethernet: 10 Mbps (semi duplex)/20 Mbps (duplex complet) Fast Ethernet: 100 Mbps (semi duplex)/200 Mbps (duplex complet) Ethernet Gigabit: 2000 Mbps (duplex complet)	
Mediu de transmitere		Fast Ethernet: Cabla CAT5 UTP/STP sau o versiune mai nouă Ethernet Gigabit: CAT5e sau CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF sau SMF	
Standard rețea		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Specifikáció — Magyar

Modell		G1118P-16-250W	G1126P-24-410W
Port	10/100/1000 Mb/s RJ45 port	16	24
	1000 Mb/s SFP port	2 *G1118P-16-250W: 2 szabad SFP port *G1126P-24-410W: A port a SFP1 és 23 port kombinált portot képez, és az 23 port nagyobb prioritással rendelkezik. Az SFP2 és 24 port kombinált portot képez, és az 24 port nagyobb prioritással rendelkezik.	
Működés	Üzemmódok	Standard (Szabvány), Priority (Prioritás), Extend (Kiterjesztés), VLAN	
	Kapcsolási mód	Tárol és továbbít	
	MAC címtáblázat tanulás	Öntanulás, automatikus öregedés	
	MAC cím táblázat	8 K	
PoE tápellátás	PoE szabvány	IEEE 802.3af, IEEE 802.3at	
	PoE tápkábel erek száma	8 ér: az 1-es, 2-es, 4-es, 5-ös erek feszültsége + (pozitív); a 3-as, 6-os, 7-es, 8-as erek pedig - (negatív)	
	PoE port	1 - 16	1 - 24
	Egyetlen port maximális kimenete	30 W	
	A váltó maximális kimenete	230 W	370 W
Méretek (H x Sz x M)		440 mm x 179.6 mm x 44 mm	440 mm x 284 mm x 44 mm
Bemeneti feszültség		100-240 V váltóáram, 50/60Hz	100-240 V váltóáram, 50/60Hz 6 A
Villámcsapás-védelem	RJ45 port	Közös üzemmód: 6 kV	
	Tápellátás	Közös üzemmód: 6 kV Differenciál üzemmód: 4 kV	
Működési környezet		Hőfok: 0°C - 40°C Páratartalom: 10 - 90% RH, nem kicsapódó	
Tárolási környezet		Hőfok: -40°C - 70°C Páratartalom: 5 - 90% RH, nem kicsapódó	
Adatátviteli sebesség		Ethernet: 10 Mb/s (fél duplex)/20 Mb/s (teljes duplex) Fast Ethernet: 100 Mb/s (fél duplex)/200 Mb/s (teljes duplex) Gigabit Ethernet: 2000 Mb/s (teljes duplex)	
Átviteli közeg		Fast Ethernet: CAT5 UTP/STP vagy gyorsabb kábel Gigabit Ethernet: CAT5e vagy CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF vagy SMF	
Hálózati szabványok		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at	

Özellikler — Türkçe

Model		G1118P-16-250W	G1126P-24-410W
Port	10/100/1000 Mbps RJ45 portu	16	24
	1000 Mbps SFP portu	2 *G1118P-16-250W: 2 bağımsız SFP portu *G1126P-24-410W: 23 no'lu port ve SFP1 portu paylaşımlı (Combo) olarak çalışır ve 23 no'lu port SFP1 portuna göre daha yüksek öncelliğe sahiptir. 24 no'lu port ve SFP2 portu paylaşımlı (Combo) olarak çalışır ve 24 no'lu port SFP2 portuna göre daha yüksek öncelliğe sahiptir	
	Çalışma Modu	Standard (Standart), Priority (Öncelik), Extend (Genişletme), VLAN	
Performans	Anahtarlama modu	Sakla ve gönder	
	MAC adres öğrenme	Otomatik yaşlanma, otomatik öğrenme	
	MAC adres tablosu	8 K	
PoE güç kaynağı	PoE güç kablosu çekirdeği	8 çekirdek: Çekirdek 1, 2, 4, 5 için voltaj + ve çekirdek 3, 6, 7, 8 için vo