

Quick Installation Guide

8GE+2SFP Cloud Managed Switch
G3310F

Package contents

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

This guide instructs how to install, connect and log in to the device. For details, please download the user guide of the device.

1 Install the device

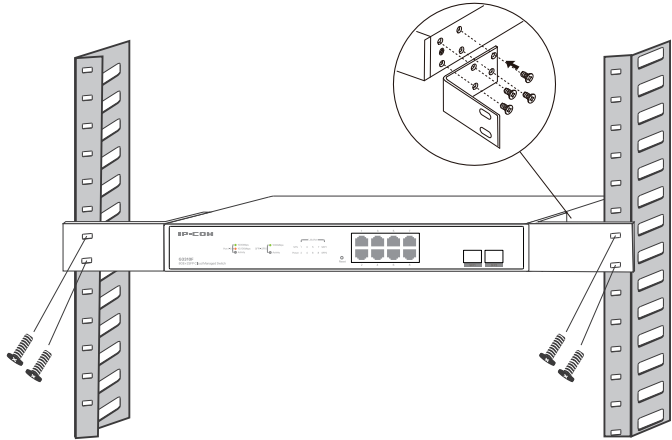
Preparations

- 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, spirit level, ladder, 4 expansion bolts (M5*40 mm), 4 screws (PA5*25 mm, head diameter: 10 mm)
 - Desktop mounting: ESD bracelet (or ESD gloves)

Installation

Rack mounting (to a standard 19-inch rack)

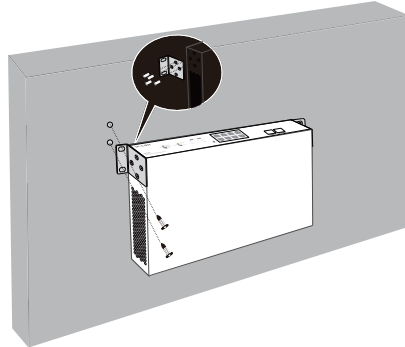
- Step 1** Ensure that the rack is stable and level, and is properly grounded.
Step 2 Fix the two L-shaped brackets to both sides of the switch using the included screws.
Step 3 Choose a proper height and fix the L-shaped brackets to the rack using screws (self-prepared). Ensure that the switch is seated securely on the rack.



Wall mounting

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

- 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.



Especificações

Modelo	G3310F	
Porta	Porta RJ45 10/100/1000 Mbps	8
	Porta SFP 1000 Mbps	2
Desempenho	Modo de comutação	Guardar e reencaminhar
	Aprendizagem de endereços MAC	Envio automático, aprendizagem automática
Tabela de endereços MAC		16 K
Dimensões (L x A x H)		294 mm x 179,6 mm x 44 mm
Tensão de entrada		100 ~ 240 V CA, 50/60 Hz, 0,6 A
Proteção contra raios	Porta 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, sin condensação
Ambiente de armazenamento		Temperatura: -40°C ~ 70°C Humidade: (5% ~ 90%) de HR, sin 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: Cabo CAT3 UTP/STP ou superior Fast Ethernet: Cabo CAT5 UTP/STP ou superior Gigabit Ethernet: Cabo CAT6 ou CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF ou SMF
Padrões de rede		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Português

Especificaciones

Modelo	G3310F	
Puerto	Puerto RJ45 10/100/1000 Mbps	8
	Puerto SFP de 1000 Mbps	2
Rendimiento	Modo de conmutación	Almacenar y retransmitir
	Aprendizaje de direcciones MAC	Vencimiento automático, aprendizaje automático
Tabla de direcciones MAC		16 K
Dimensiones (L x An x Al)		294 mm x 179,6 mm x 44 mm
Voltaje de entrada		100 ~ 240 V CA, 50/60 Hz, 0,6 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°C ~ 45°C Humedad: (10 % ~ 90 %) HR, non-condensación
Entorno de almacenamiento		Temperatura: -40°C ~ 70°C Humedad: (5 % ~ 90 %) HR, sin condensación
Velocidad de transmisión de datos		Ethernet: 10 Mbps (duplex medio)/20 Mbps (duplex completo) Fast Ethernet: 100 Mbps (duplex medio)/200 Mbps (duplex completo) Gigabit Ethernet: 2000 Mbps (duplex completo)
Medios de transmisión		Ethernet: Cable CAT3 UTP/STP o superior Fast Ethernet: Cable CAT5 UTP/STP o superior Gigabit Ethernet: Cable CAT6 o CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF o SMF
Estándares de red		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Español

Spécifications

Modèle	G3310F	
Port	Port RJ45 10/100/1000 Mbps	8
	Port SFP 1000 Mbps	2
Performance	Mode de commutation	Stockage et transmission
	Apprentissage des adresses MAC	Auto vieillissement, auto apprentissage
Tableau des adresses MAC		16 K
Dimensions (L x W x H)		294 mm x 179,6 mm x 44 mm
Tension d'entrée		100 ~ 240V AC, 50/60Hz, 0,6A
Protection contre la foudre	Port RJ45	Mode commun : 6 kV
	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 : (5 % ~ 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		Ethernet : CAT3 UTP/STP ou supérieur Fast Ethernet : CAT5 UTP/STP ou supérieur Gigabit Ethernet : CAT6 ou CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF ou SMF
Normes réseau		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Français

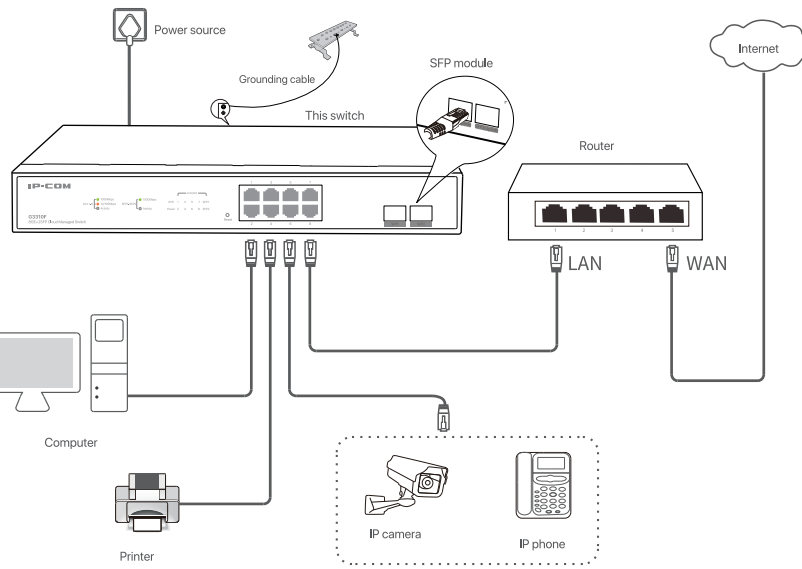
Dane techniczne

Model	G3310F	
Port	Port RJ45 10/100/1000 Mbps	8
	Port SFP 1000 Mbps	2
Wydajność	Tryb przełączania	Zapis i wysył
	Nauka adresów MAC	Nauka samodzielną, automatyczne starzenie
Tabela adresów MAC		16 K
Wymiary (dł. x szer. x wys.)		294 mm x 179,6 mm x 44 mm
Napięcie wejściowe		100 ~ 240V AC, 50/60Hz, 0,6A
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%) wilgotności względnej, bez kondensacji
Środowisko przechowywania		Temperatura: -40°C ~ 70°C Wilgotność: (5~90%) wilgotności względnej, bez kondensacji
Szybkość transmisji danych		Siec Ethernet: 10 Mb/s (połduplex) / 20 Mb/s (pełny duplex) Szybka sieć Ethernet: 100 Mb/s (połduplex) / 200 Mb/s (pełny duplex) Gigabitowa sieć Ethernet: Kabel CAT5e lub CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF lub SMF
Środki transmisji		Siec 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 1000Base-SX, MMF 1000Base-LX, MMF lub SMF
Standardy sieciowe		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Polski

2 Connect the device

The typical network topology of the switch is as shown below.



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

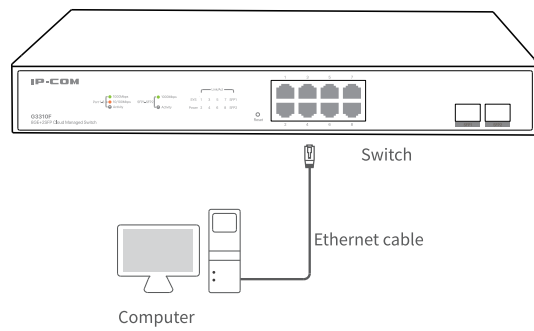
LED indicator	Status	Description
SYS	Solid on	System works improperly
	Blinking	System works properly
	Off	System is starting up or works improperly
Power	Solid on	Powered on
	Off	Powered off or powered improperly
	Solid on	Connected but not active
Link/Act	Blinking	Active in data transmission
	Off	Not connected or connected improperly

A green LED indicator indicates the port negotiation rate is 1000 Mbps and an orange LED indicator indicates the port negotiation rate is 10 Mbps or 100 Mbps.

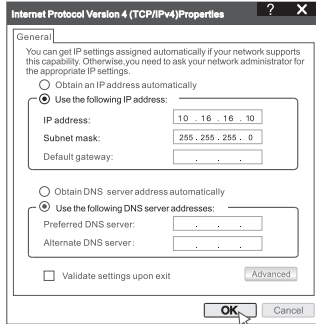
- Tip**
- The switch supports auto MDI/MDIX. You can use either a straight through cable or a crossover cable to connect the switch to Ethernet devices.
 - The SFP ports of this switch are independent SFP ports.

3 Log in to the device

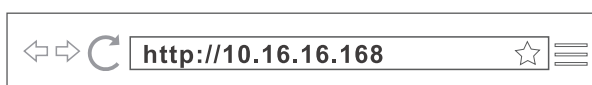
- Step 1** Use an Ethernet cable to connect the computer to one of the port 1 - 8 of the switch.



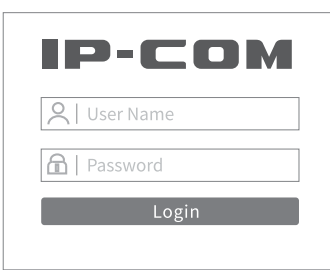
- Step 2** Set the IP address of Ethernet (or Local Area Connection) of the computer to the same network segment of the switch's IP address. The default IP address of the switch is **10.16.16.168**. You can set the IP address of the computer to **10.16.16.X** (X ranges from 2 to 254 excluding 168, and is not occupied) and the subnet mask to **255.255.255.0**.



- Step 3** Start a web browser (such as Chrome) on the computer, enter the management IP address of the switch (default: **10.16.16.168**) in the address bar, and press **Enter** on the keyboard.



- Step 4** Enter the login user name and password (both are **admin** by default) on the login page of the switch, and click **Login**.



- Tips:**
- If you fail to access the above page, please refer to question 1 in **FAQ**.
 - For network security, please change the user name and password after login.

After successfully logging in to the web UI of the switch, you can configure the switch now.

Specificații

Model	G3310F	
Port	Port RJ45 10/100/1000 Mbps	8
	Port SFP 1000 Mbps	2
Performanță	Switching mode	Store-and-forward
	MAC address table learning	Auto learning, auto aging
MAC address table		16 K
Dimensiuni (L x l x H)		294 x 179,6 x 44 mm
Tensiune de intrare		100 ~ 240 V c.a., 50/60 Hz, 0,6 A
Protecție împotriva descărcărilor electrice	Port RJ45	Mod obișnuit: 6 kV
	Sursa de alimentare	Mod obișnuit: 6 kV Mod diferențial: 4 kV
Medii de funcționare		Temperatură: 0°C ~ 45°C Umiditate: (10% ~ 90%) umiditate relativă, fără condens
Medii de depozitare		Temperatură: -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) Gigabit Ethernet: 2000 Mbps (duplex complet)
Medii de transmitere		Ethernet: Cablu CAT3 UTP/STP sau o versiune mai nouă Fast Ethernet: Cablu CAT5 UTP/STP sau o versiune mai nouă Gigabit Ethernet: CAT5e sau CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF sau SMF
Standard rețea		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Română

Specifikáció

Model	G3310F	
Port	10/100/1000 Mbps RJ45 port	8
	1000 Mbps SFP port	2
Működés	Kapcsolási mód	Tárol és továbbít
	MAC cím táblázat tanúsítás	Öntanulás, automatikus öregedési
MAC cím táblázat		16 K
Méretet (H x Sz x M)		294 mm x 179,6 mm x 44 mm
Bemeneti feszültség		100~240 V vált., 50/60 Hz, 0,6 A
Villámszakadás védelem	RJ45 port	Közös üzemmód: 6 kV
	Állapot	Közös üzemmód: 6 kV Differenciál üzemmód: 4 kV
Működési környezet		Hőfok: 0°C ~ 45°C Paraméterek: 10 ~ 90% RH, nem kicsapódó
Tárolási környezet		Hőfok: -40°C ~ 70°C Paraméterek: 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		Ethernet: CAT3 UTP/STP vagy gyorsabb kábel 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 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Magyar

Özellikler

Model	G3310F	
Port	10/100/1000 Mbps RJ45 portu	8
	1000 Mbps SFP portu	2
Performans	Anahtarlama modu	Saldı ve gönder
	MAC adres öğrenme	Otomatik yaşlanma, otomatik öğrenme
MAC adres tablosu		16 K
Boyutları (B x E x Y)		294 mm x 179,6 mm x 44 mm
Giriş Gerilimi		100 ~ 240V AC, 50/60 Hz, 0,6A
Yıldırım koruması	RJ45 portu	Ortak mod: 6 kV
	Güç kaynağı	Ortak mod: 6 kV Diferansiyel mod: 4 kV
Çalışma ortamı		Sıcaklık: 0°C ~ 45°C Nem: (%10 ~ %90) RH, yoğunlaşmaz
Depolama ortamı		Sıcaklık: -40°C ~ 70°C Nem: (%5 ~ %90) RH, yoğunlaşmaz
Veri iletim hızı		Ethernet: 10 Mbps (yarı çift yönlü) / 20 Mbps (tam çift yönlü) Fast Ethernet: 100 Mbps (yarı çift yönlü) / 200 Mbps (tam çift yönlü) Gigabit Ethernet: 2000 Mbps (tam çift yönlü)
İletim Ortamı		Ethernet: CAT3 UTP/STP veya daha iyisi Fast Ethernet: CAT5 UTP/STP veya daha iyisi Gigabit Ethernet: CAT5e veya CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF veya SMF
Ağ Standartları		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Türkçe

المواصفات	الطراز G3310F	
المعدل	معدل RJ45 بسرعة 10/100/1000 Mbps	8
	معدل SFP بسرعة 1000 Mbps	2
الدواء	نمط التحويل	تخزين وإعادة توجيه
	تعلم جدول عناوين MAC	التعلم التلقائي ، التعلم التلقائي
MAC عنواني		16 K
الأبعاد (الطول x العرض x الارتفاع)		294 مم × 179,6 مم × 44 مم
جهود الإدخال		100 ~ 240V AC, 50/60 Hz, 0,6A
الوقاية من الصواعق	RJ45 منفذ	نمط مشترك: 6 كيلو فولت
	إمداد الطاقة	نمط مشترك: 6 كيلو فولت نمط التفاضل: 4 كيلو فولت
بيئة التشغيل		درجة الحرارة: 0 درجة مئوية - 45 درجة مئوية الرطوبة: رطوبة نسبية (%10 ~ %90)، بدون تكثف
بيئة التخزين		درجة الحرارة: -40 درجة مئوية - 70 درجة مئوية الرطوبة: رطوبة نسبية (%5 ~ %90)، بدون تكثف
معدل نقل البيانات		10 ميجابت في الثانية (إرسال نصف مزدوج) / 20 ميجابت في الثانية (إرسال كامل المزدوج) 200 ميجابت في الثانية (إرسال كامل المزدوج) 2000 ميجابت في الثانية (إرسال كامل المزدوج)
وسائط الإرسال		إيثرنيت: كابل CAT3 UTP/STP أو أفضل Fast Ethernet: CAT5 UTP/STP أو أفضل Gigabit Ethernet: CAT5e أو CAT6 UTP/STP 1000Base-SX, MMF 1000Base-LX, MMF أو SMF
معايير الشبكة		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, IEEE802.1d

Specifications

Model	G3310F	
Port	10/100/1000 Mbps RJ45 port	8
	1000 Mbps SFP port	2
Performance	Switching mode	Store-and-forward
	MAC address table learning	Auto learning, auto aging
MAC address table		16 K
Dimensions (L x W x H)		294 mm x 179,6 mm x 44 mm
Input voltage		100 ~ 240V AC, 50/60Hz, 0,6 A
Lightning protection	RJ45 port	Common mode: 6 kV
	Power supply	Common mode: 6 kV Differential mode: 4 kV
Operating environment		Temperature: 0°C ~ 45°C Humidity: (10% ~ 90%) RH, non-condensing
Storage environment		Temperature: -40°C ~ 70°C Humidity: (5% ~ 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		Ethernet: CAT3 or better UTP/STP cable Fast Ethernet: CAT5 or better UTP/STP cable Gigabit Ethernet: CAT5e or CAT6 UTP/STP cable 1000Base-SX, MMF 1000Base-LX, MMF or SMF
Network standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1p, IEEE802.1q, IEEE802.1w, and IEEE802.1d

English

Характеристики

Модель		G3310F
Порт	Порт RJ45 10/100/1000 Mbit/s	8
	Порт SFP 1000 Mbit/s	2
выполнено	Режим переключения	Сохранение и дальнейшая передача
	Изучение MAC-адресов	Автоматическое старение, автоматическое обучение
	Таблица MAC-адресов	16 K
Размеры (Д x Ш x В)		294 мм x 179,6 мм x 44 мм
Входное напряжение		100~240 В перем. тока, 50/60 Гц, 0,6 А
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: (5~90%) без конденсации
Скорость передачи информации		Ethernet: 10 Mbit/s (полудуплексный)/200 Mbit/s (полудуплексный) Fast Ethernet: 100 Mbit/s (полудуплексный)/2000 Mbit/s (полудуплексный) Гигабитный Ethernet: 2000 Mbit/s (полудуплексный)
Средства передачи		Ethernet: Кабель CAT3 UTP/STP или выше Fast Ethernet: Кабель CAT5 UTP/STP или выше Гигабитный Ethernet: Кабель CAT5E или CAT6 UTP/STP 1000BASE-SX/MMF 1000BASE-LX/MMF или SFP
Стандарты сети		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE802.1q, IEEE802.1n, IEEE802.1s, IEEE802.1d