



Installation guide

Cisco ISR 1111-4P/8P

This guide will help you connect your newly delivered fibre connection

Thank you for choosing us!

BOX CONTENT



1x Cisco ISR1111-4P/8P



1x Set of Rackmounts



1x Ac Adapter with power cord



4x Cage nuts



2x 1m Ethernet patch cable

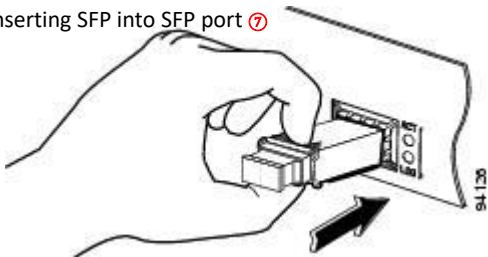


2x 1m Single mode fibre cable

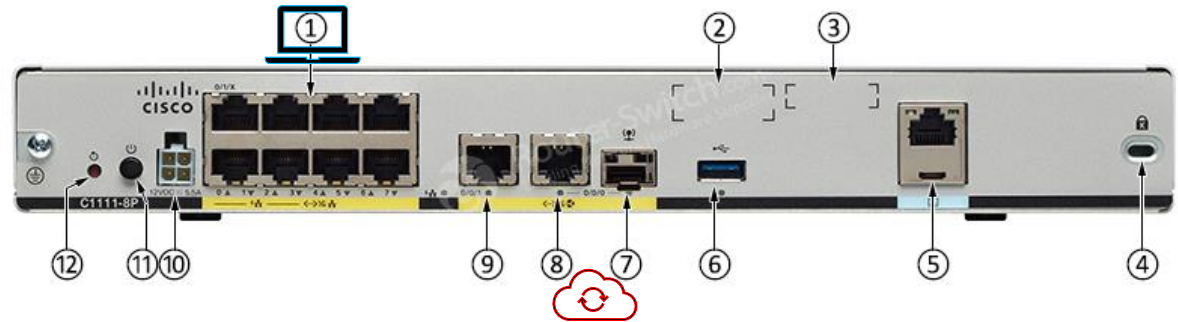


1x Single mode SFP

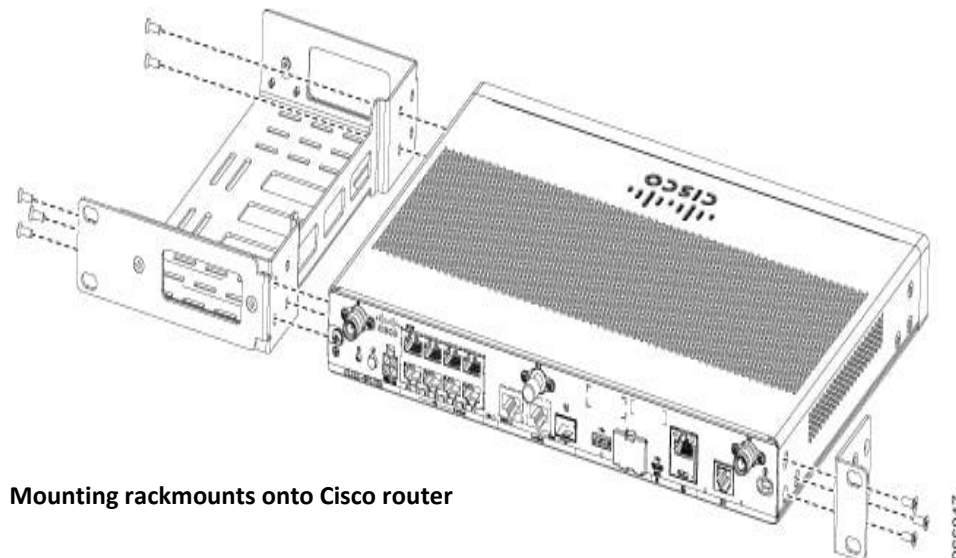
Inserting SFP into SFP port ⑦



Device overview



- ① LAN
- ② CLEI Label
- ③ Serial Number
- ④ Kensington Lock Slot
- ⑤ RJ45 / Micro USB Console
- ⑥ USB3.0
- ⑦ GE 0/0/0 - SFP
- ⑧ GE 0/0/0 - RJ45
- ⑨ GE 0/0/1
- ⑩ 4-pin Power Connector
- ⑪ Power Switch
- ⑫ Reset Button



Mounting rackmounts onto Cisco router

Fibre details:

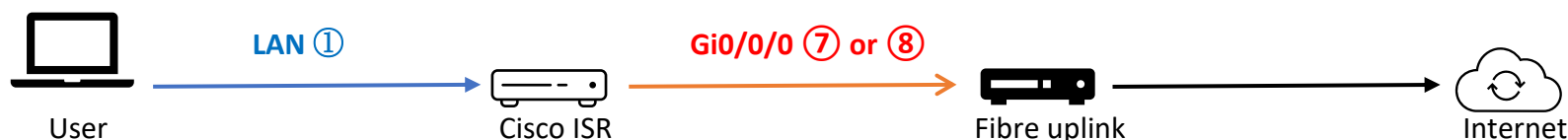
Luminet is using various carriers to provide you with a fibre connection, which means that the physical fibre is delivered to us using 3rd party company known as carrier then Luminet is using provided fibre to provide you with internet connection Depending on the carrier, you may see different devices mounted in your cabinet such like BT ADVA, ASCEDIAN etc. details of the relevant device and its port can be found below:

Uplink Device:

BT ADVA BOX	ASCEDIAN
HUAWEI	Mikrotik
Other	

Fibre Uplink port:

RJ45 port
SFP port



1) Connecting the Cisco router to your fibre uplink

Power up router and wait approx. 5 minutes to allow router to boot the operating system and to finish with all start-up processes. Using one patch cable, please connect router and fibre uplink on following ports:

- Cisco ISR1111: **Port Gi0/0/0 (7) or (8)**
- Fibre uplink port

2) Testing your connection

In order to test your connection, please plug your laptop into any of ports labelled as LAN 1 using the second patch cable. Your router has been set to distribute your IPs automatically via DHCP. To run the test, please open your web browser and paste following link <http://speedtest1.luminet.co.uk/> into the address field. Once connected, please press the start button on that website, which will test the bandwidth (speed) of your connection.


Congratulations! You are successfully connected to internet.

3) Troubleshooting

Although we do our best to ensure all connections are plug-and-play and ready to be used once set up, it may happen that your connection won't work straight away as expected. In such a case, there are some simple steps that you can do to ensure that everything is fine on your end:

Check if you can ping 8.8.8.8 (press window key and type CMD followed by enter, once windows command prompt will open, please type: **ping 8.8.8.8** and press enter)

Check if you can ping your gateway – you can find this in your network setting, please navigate to your network settings, select the appropriate

network adapter  and double click on it, press the detail button. Gateway will be under IPv4 Default Gateway
If pings to 8.8.8.8 works, please provide traceroute to it – navigate to windows command prompt (CMD) and type **tracert 8.8.8.8**
Ensure that router and fibre uplink are connected in the right way (below each port is a small light which should be lit up)

Still not working? Don't worry, simply reach out to our NOC support by calling 0207 400 6300, option 3, and we will be happy to assist you and get your connection up and running remotely in no time.

Before getting in touch with us, please have the following to hand:

- A photo of your fibre uplink and our router being connected
- Site access time frames
- Local on-site contact person (name and phone number)
- Confirmed status lights on both, the fibre uplink device and the Cisco router

Our NOC is monitoring your connection 24/7 365 days a year, however, all installations have to be raised within business hours, Monday to Friday between 8:00 am and 6:00 pm, please.