



# ZTE F8018 Optical Network Router




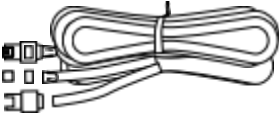
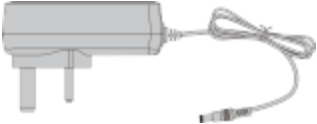

# Technical Specifications

- Power supply: 12 V DC, 2 A
- Power adapter input: 100 - 240 V AC, 50 - 60 Hz
- System power supply: See the nameplate on the device
- Ambient temperature: 0°C to +40°C
- Ambient humidity: 5% - 95% RH (non-condensing)
- Weight: < 800 g
- System power consumption: ≤ 24 W

## Product Overview

Product	Feature
XGS Optical Network Router (XGSONR)	<ul style="list-style-type: none"><li>■ 3 Ethernet ports</li><li>■ 1 10G Ethernet port</li><li>■ 2 POTS ports</li><li>■ 1 USB 2.0 port</li></ul>

# 1. What's in the box?

Name	How it looks like
XGSONR	
Cat6 cable	
Power adapter	
Quick installation guide	

## 2. Suggested Placement of ONR



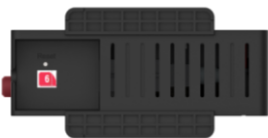
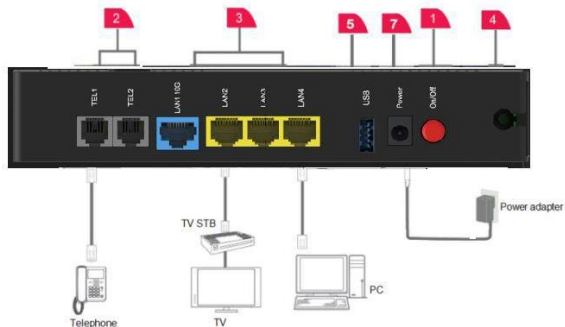
Caution

Do not install XGSONR outdoors or in cabinets which may be exposed to sun and rain.

XGSONR should be vertically placed at an open area, such as on your work desk. Ports at the back of XGSONR should be unobstructed.



### 3. Connecting Cables and Devices to XGSONR



**1** Power port

**2** Two telephone ports

**3** Three ethernet ports+10G port

**4** Fibre port

**5** USB port

**6** Reset button

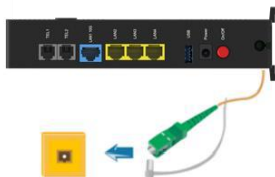
**7** Power on/off

Step 1: Follow instructions below to perform fibre patching.

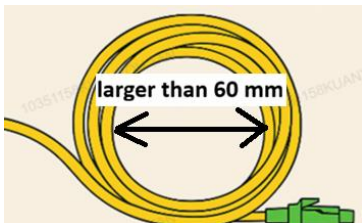
- 1 Connect one end of the optical fiber to the fibre port on the back of ONR, and secure the optical fiber by fitting it on the holders. For the positions of holders, see the arrows indicated in the following figure:



- 2 Connect the other end of the patch cord to the fibre termination point (FTP).



As fibre optic cables are made of glass, please do not bend sharply and ensure the bending diameter is larger than 60 mm



Step 2: Connect Cat6 cable (Blue) from the Ethernet port of your device to a **LAN** port.

Step 3: Connect phone cable from your phone to the assigned **TEL** port.

Step 4: If you have a USB data cable, connect it from the USB port to your **USB** device (optional).

Step 5: Connect the power adapter to XGSONR's POWER port and your home electrical outlet. The POWER indicator on the XGSONR should be green.

## 4. Configuring the XGSONR

### 4.1 Logging in to the webpage for configuration

Step 1: Connect your PC to the XGSONR through the Ethernet port.

Step 2: Ensure your PC is in dynamic IP address mode.

Step 3: Enter **http://192.168.1.254** in the address bar of Internet Explorer and press **Enter**.

When login window is displayed,

- Enter the user name (**root** by default)
- Enter the password (**print in the label**)

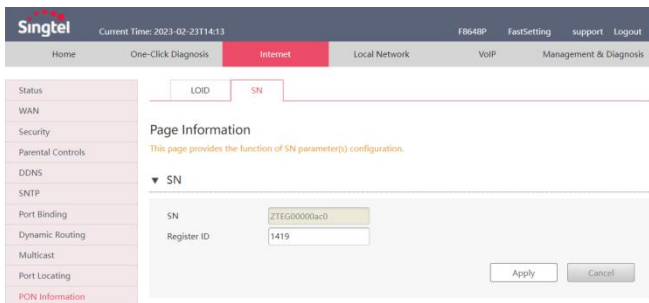
Step 4: Click **Login**.

#### NOTE

-Your session will automatically timeout after 5 minutes of inactivity and you will be required to login again.

-Replace your default password with a personal one to avoid unauthorised access.

## 4.2 Configuring the FTTH ID



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Step 1: Choose Internet (header third tab) > PON Information (on the left pane) > SN (second tab)

Step 2: Input the **FTTH ID** (Use FTTH ID provided by Singtel) in the “Register ID” field.

Step 3: Click **Apply**. The XGSONR will automatic reboot .

For how to verify the service, refer to chapter 5.

## 5. Verifying Successfulness of Connection

- LED indicators on the XGSONR display the status of each service connection. Each LED state indicates whether the connection is functioning properly, as detailed in Chapters 3 and 4
  - Fibre connection is up if PON indicator is steady green.
  - Each of these services are functioning normally if LAN/Internet/IPTV/TEL indicators are steady green.
- If the PON indicator is blinking, check your fibre connection as stated in chapter 3, and FTTH ID configuration in chapter 4.
- See chapter 7 if other indicators display exception occurs.



## 6. Resetting Factory Defaults

- **What does it do?**

To reset all the settings except the FTTH ID.

- **How to reset?**

Press **Reset** button by using a needle-like object and hold for more than 10 seconds. If LED indicator turns off and on, your ONR has been successfully restored to factory defaults.

