

4G Wi-Fi6 Solar Router User Manual

1. Product Overview

This 4G Wi-Fi6 Solar Router is a high - performance networking device designed for outdoor applications. It combines solar - power technology with 4G and Wi - Fi6 connectivity, providing a convenient and reliable network solution for various scenarios.

2. Technical Specifications

2.1 Network

- **LAN Port:** Not applicable.
- **Number of Wireless Device Accesses:** 8.

2.2 Solar

- **Working Voltage:** 5V (Type - C interface).
- **Operating Current:** 2.2A.
- **Open Circuit Voltage:** 6V.
- **Short - Circuit Current:** 2.34A.
- **Peak Power:** 12W.
- **Full Battery Life:** About 32 hours.

- **Charging Duration:** About 8 hours (affected by environmental factors).

2.3 Wi - Fi

- **WIFI SSID:** 4G - MIFI_XXXX.
- **Wifi Password:** 12345678.
- **WIFI Frequency:** 2.4G Hz.
- **WIFI Wireless LAN:** Supports 802.11b/g/n.
- **Gateway:** 192.168.100.1.
- **Login/Password:** admin/admin.
- **Coverage Distance:** Open distance about 100M - 150M.

2.4 Bands (Customizable According to Region)

- **EAU:** 4G: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41; 3G: B1/B5/B8.
- **NA:** 4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B38/B40/B41/B66;
3G: B1/B2/B5/B8.

2.5 Battery

- **Capacity:** 18000 mAh (composed of 6 * 3000 mAh batteries).

2.6 LED Indicators

- **Green LED:** Full power.

- **Blue LED:** Solar charging.
- **Red LED:** Low power.

2.7 SIM Card

- **Type:** 1.8V/3.0V Nano SIM. A blue flash indicates that the SIM card is working properly.

2.8 Antenna

- **Configuration:** WIFI * 1, 4G * 1.

2.9 Other Features

- **Restore Factory:** One - click operation to restore factory settings.
- **Waterproof Level:** IP66.
- **Weight:** 1.7Kg.
- **Dimension:** 42020070 mm.
- **Working Temperature:** - 15 to 75°C.
- **Storage Temperature:** - 30 to 75°C.
- **Operating Humidity:** 10% - 70%.
- **Storage Humidity:** 5% - 70%.

3. Application Areas

This router is widely applicable in various outdoor scenarios, such as for IPC (Internet Protocol Camera), yachts, hunting cameras, courtyards, squares, mobile phones, playgrounds, passenger ships, broadcast speakers, and PCs. It enables seamless network connection in these areas, facilitating data transmission, video surveillance, communication, and entertainment.

4. Installation and Setup

1. **SIM Card Installation:** Insert the 1.8V/3.0V Nano SIM card into the designated slot. Make sure it is properly inserted, and the blue flash of the SIM card indicator indicates normal operation.
2. **Solar Panel Connection:** Connect the solar panel to the router's Type - C interface. Ensure a stable connection for efficient charging.
3. **Wi - Fi Connection:** On your device (such as a mobile phone or PC), search for the Wi - Fi network with the SSID "4G - MIFI_XXXX". Enter the password "12345678" to connect.
4. **Accessing the Router Settings:** Open a web browser on your connected device and enter the gateway address "192.168.100.1". Log in with the username "admin" and password "admin" to access and customize the router settings if needed.

5. Precautions

1. **Environmental Conditions:** Avoid using the router in extreme weather conditions. Do not expose it to rain, snow, or high - temperature environments for an extended period. Keep the operating temperature within the range of - 15 to 75°C and the humidity within 10% - 70% for optimal performance.
2. **SIM Card Compatibility:** Ensure that the SIM card used is compatible with the router's supported bands in your region.
3. **Battery Maintenance:** When not in use for a long time, it is recommended to charge the battery regularly to maintain its lifespan. Do not over - charge or over - discharge the battery.