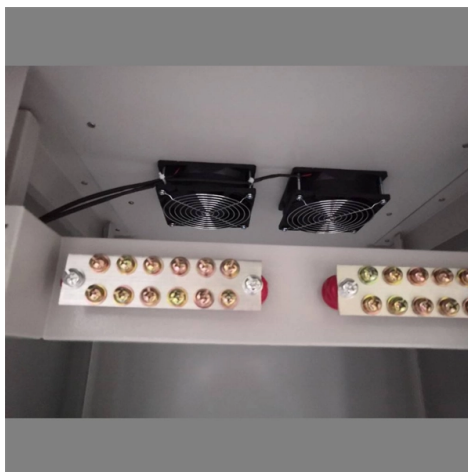


RIVO MULTITRADE OPTICAL SYSTEMS

How to connect a router and a terminal box



Overview

How do I connect my devices to wifi? Use the SSID (network name) and password printed on the wifi card included with your router.

Key Takeaways

To connect a router to a terminal box, use the router's console port with a console cable and configure terminal emulation software on your PC for direct management. Step 1: Identify the Console Port

Locate the console port on your router, usually an RJ-45 connector on the CPU module or router exterior. This port is an asynchronous serial port designed for direct configuration and management of the router without using a network connection .

Step 2: Connect the Console Cable

Use a console cable (often RJ-45 to DB-9 or USB adapter) to connect the router's console port to your PC or terminal box. If your PC lacks a serial port, a USB-to-serial adapter may be required . Ensure the connection is secure and the router is powered on.

Step 3: Configure Terminal Emulation Software

Install and open a terminal emulator such as PuTTY, Tera Term, or HyperTerminal. Configure the following serial port settings to match the router's console requirements:

- Baud rate: typically 9600 bps
 - Data bits: 8
 - Parity: None
 - Stop bits: 1
 - Flow control: None
- Step 4: Start the Terminal Session

Open the terminal session in your emulator. You should see the router's command-line interface (CLI). If the router is booting, you can often press Ctrl-C to interrupt startup and access configuration options . From here, you can view or modify router settings, set passwords, or configure network interfaces.

Step 5: Optional Network Connection

Once the router is configured, you can connect it to the terminal box or ONT using an Ethernet cable for internet access or network integration. This allows the router to provide services such as Wi-Fi, VLANs, or QoS management .

Tips for Secure and Reliable Connection

- Only expose the console port during active configuration to prevent environmental damage .
- Ensure terminal software settings match the router's console parameters to avoid communication errors .
- For remote access, consider using the Auxiliary (AUX) port, Telnet, or SSH for secure management . Following these steps ensures a stable and secure connection between your router and terminal box, allowing full configuration and network management.

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