COR IBR600 (Integrated Broadband Router)

QUICK START GUIDE

SETTING UP THE ROUTER

Model No.:IBR600E/IBR650E/IBR600LE/IBR650LE/IBR600LE-PWD/IBR650LE-PWD/
IBR600LP/IBR650LP/IBR600LP-PWD/IBR650LP-PWD/IBR600NM/IBR650NM/IBR650W
IBR600LP2-EU/IBR650LP2-EU/IBR600LP2-EU-PWD/IBR650LP2-EU-PWD/IBR600P/IBR650P
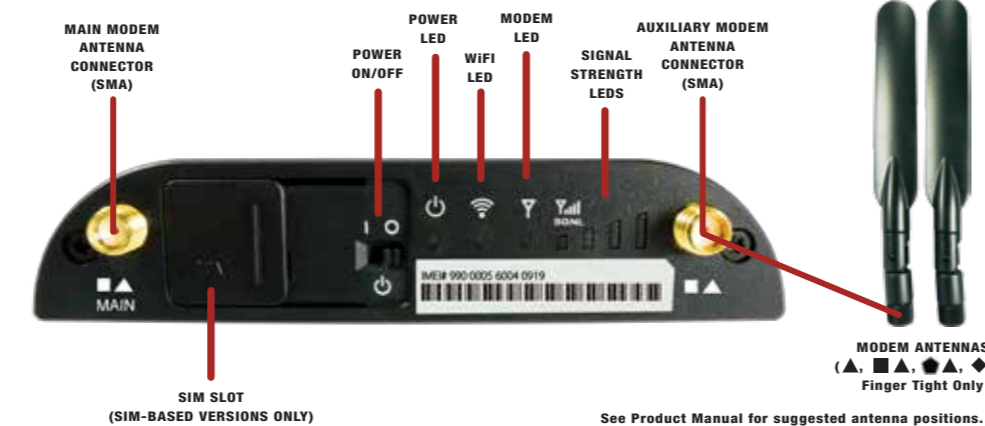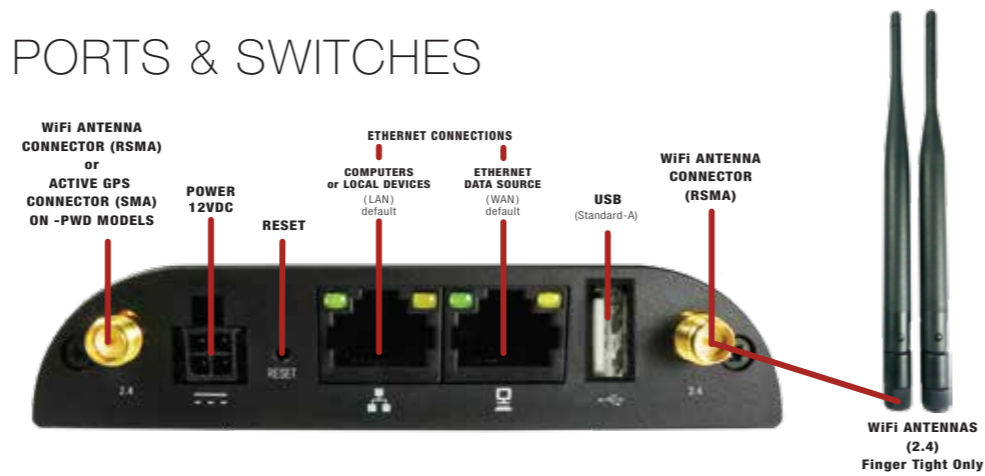
WiFi CERTIFIED®

1) Purchase a data plan. Then insert the SIM if model requires.

Plug the power supply into an electrical outlet.

2) Connect WiFi (2.4) and modem (▲ ■▲ ◆▲ ◆) antennas (finger tight only).

3) Purchase and connect active GPS antenna for ▲PWD models.

4) Connect the power supply to the IBR600.

Ensure power is switched on.   O = OFF   I = ON

What's In The Box

| Integrated Broadband Router With Modem & WiFi Antennas | Mounting Bracket | AC Power Supply | Quick Start Guide |

for more information about your product, visit: **www.cradlepoint.com**

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PORTS & SWITCHES

WiFi ANTENNA CONNECTOR (RSMA) or ACTIVE GPS CONNECTOR (SMA) ON -PWD MODELS

POWER 12VDC

RESET

ETHERNET CONNECTIONS
COMPUTERS or LOCAL DEVICES (LAN) default
ETHERNET DATA SOURCE (WAN) default

USB (Standard-A)

WiFi ANTENNA CONNECTOR (RSMA)

WiFi ANTENNAS (2.4) Finger Tight Only

MAIN MODEM ANTENNA CONNECTOR (SMA)

POWER ON/OFF

POWER LED

WIFI LED

MODEM LED

SIGNAL STRENGTH LEDS

AUXILIARY MODEM ANTENNA CONNECTOR (SMA)

MODEM ANTENNAS (▲ ■▲ ◆▲ ◆▲) Finger Tight Only

SIM SLOT (SIM-BASED VERSIONS ONLY)

See Product Manual for suggested antenna positions.

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ACCESSING THE ADMINISTRATION PAGES

To make configuration changes to your router, open the IBR600's GUI-based administration pages.

1) Connect via Ethernet or WiFi. For WiFi, the default SSID is **IBR600-xxx** (last 3 characters of the MAC address).

2) Open a browser window and type "**cp/**" or "**192.168.0.1**" in the address bar. Press **ENTER/RETURN**.

3) When prompted for your password, type the **eight character DEFAULT PASSWORD** found on the product label.

Find this label on the bottom of your router.

THE FIRST TIME SETUP WIZARD

When you log in for the first time, you are automatically directed to the **FIRST TIME SETUP WIZARD**, which will help you customize your COR IBR600. Change any of the following:

Administrator password
Time zone
WiFi network name, security mode, and password
Access Point Name (APN) for SIM-based modems
WAN failure check mode

If you are currently using the IBR600 WiFi network, you will need to reconnect your devices to the network using the newly established wireless network name and password.

NOTE: To return to the First Time Setup Wizard after your initial login, select GETTING STARTED on the top navigation bar and FIRST TIME SETUP in the dropdown menu.

RESET: To restore the COR IBR600 to its factory default settings, press and hold the **RESET** button on the side of the device for ten seconds. Reset returns the login password to the **DEFAULT PASSWORD** and resets all configuration changes.

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ACTIVATE YOUR MODEM

A wireless broadband data plan must be added to your IBR600. Wireless broadband data plans are available from wireless carriers such as Sprint, Verizon, AT&T, EE, Vodafone, and Clearwire. Mobile broadband, M2M, and router pricing plans are available. To add or transfer a line of service you will need to provide a unique identifier such as ESN for 3G EVDO modems or IMEI/MEID for LTE or HSPA+ modems. LTE and HSPA+ plans require a SIM. SIM provisioning for LTE and HSPA+ models is done the same way as for USB modems. Once provisioned insert the SIM into the router until it clicks into place, close the SIM door, and turn on the power switch. After adding a data plan to the Verizon 3G EVDO model the modem may need to be activated. Log into the IBR600 administration pages (see page 3) and select **Internet** from the top navigation bar and then **Connection Manager** from the dropdown menu. Find and select the CradlePoint "EVDO Modem" and click **Control** and then click **Activate**. When modem activation is complete, confirm the modem LED is solid green on the router.

For more information on activation see www.cradlepoint.com/activation.

The NM (no module) units do not have an integrated modem. An attached USB modem may require activation.

SPECIAL FEATURES

IPSec VPN End-Point Support
GRE Tunneling
Data Usage Management & Alerts
GPIO Interface
GPS (if supported by modem carrier)
Failover/Failback
WiFi Hotspot Services (Captive Portal)
IP Passthrough
WiFi as WAN & Dual SSIDs
VLAN Support
WiPipe™ Central Remote Management
USB to Serial Console Passthrough Support
LAN/WAN Affinity
BGP/OSPF/RIP
VRRP

ACTIVE GPS: -PWD MODELS

The **IBR600LE-PWD**, **IBR600LP-PWD**, and **IBR600LP2-PWD** now come with an active GPS connection at 3.3 V and 100 mA max.

For full functionality you will need to purchase a powered GPS antenna separately. The -PWD models include only one WiFi antenna for operation in 1x1 WiFi mode.

To learn more about features, visit: **www.cradlepoint.com/IBR600**

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UPDATING FIRMWARE

CradlePoint regularly creates new firmware packages. You may need to update firmware to use the IBR600 with new modems and to access our latest features. Visit **knowledgebase.cradlepoint.com** for more information.

HOW TO UPDATE FIRMWARE

1) Log in to the administration pages (see page 3). You may have changed the **ADMINISTRATOR PASSWORD** when you used the **FIRST TIME SETUP WIZARD**.

2) Select **SYSTEM SETTINGS** on the top navigation bar, then **SYSTEM SOFTWARE** in the dropdown menu.

3) Find the **FIRMWARE UPGRADE** section. This displays the current firmware version that is installed and indicate if updated firmware is available.

4) Click **AUTOMATIC (Internet)** if new firmware is available. The IBR600 will download and install the firmware and automatically reboot itself. A status monitor will appear and indicate when this process is complete. This process may take several minutes depending on your Internet connection speed.

If your device does not have an active Internet connection, you need to download the latest firmware from **www.cradlepoint.com/firmware** to your desktop. Then use the **MANUAL FIRMWARE UPLOAD** option.

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Subscription required. See **cradlepoint.com/ecm** for details.

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