

# Quick Start Guide

## TransPort® WR44 Family

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### Welcome to your Digi product

**Get started:** This guide helps you with initial product setup. Need more? Find additional product support at :

- [Digi TransPort® WR44](#)
- [Digi TransPort® WR44 R](#)
- [Digi TransPort® WR44 RR](#)

**Digi Technical Support:** Digi offers multiple support plans to help you get the most out of your product. For information on Technical Support plans and pricing, contact us at 877.912.3444 or visit [www.digi.com/support](http://www.digi.com/support).

**Documentation Feedback:** To provide feedback on this documentation, send your comments to [techcomm@digi.com](mailto:techcomm@digi.com).

## 1 Verify your components

Verify that you have all included equipment. If any item is missing or damaged, contact your supplier. Required additional equipment (except for a personal computer) is available at [www.digi.com](http://www.digi.com).

### Transport WR44 components

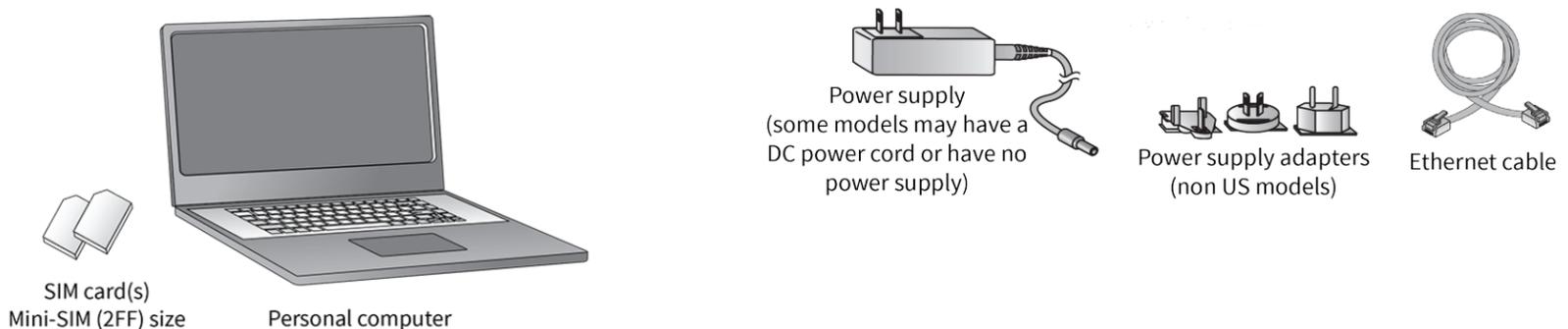
#### Included equipment



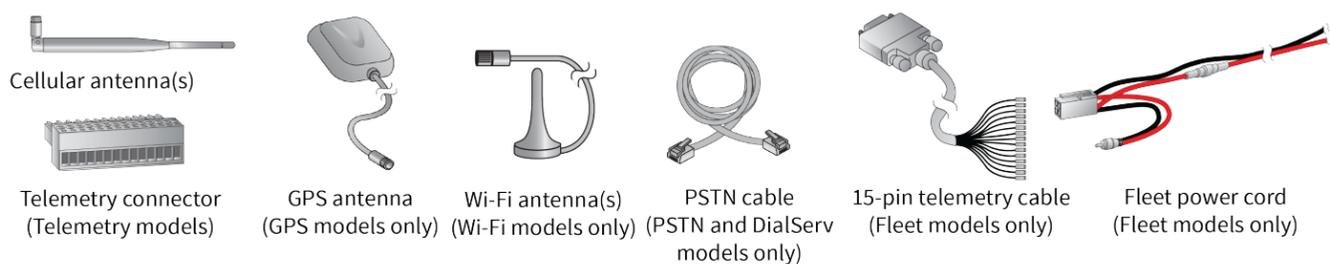
TransPort WR44

**Note** A loose label sticker that includes the unique device password is included in the box. Retain this label sticker with your hardware records. This default password will be needed if the device is factory reset and you want to access the web UI on the device or register the device with Digi Remote Manager. If the device was already registered with Remote Manager at the time of the factory reset, you do not need the unique password to access the device in Remote Manager.

#### Required additional equipment



#### Optional equipment



## Transport WR44 R components

### Included equipment



TransPort WR44 R

### Required additional equipment



SIM card(s) -  
Mini-SIM (2FF) size



Personal computer



Phillips-head  
screwdriver

**Note** A loose label sticker that includes the unique device password is included in the box. Retain this label sticker with your hardware records. This default password will be needed if the device is factory reset and you want to access the web UI on the device or register the device with Digi Remote Manager. If the device was already registered with Remote Manager at the time of the factory reset, you do not need the unique password to access the device in Remote Manager.

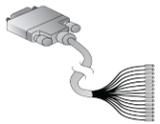


Extended temperature power supply (some models may have a DC power cord or have no power supply)



Ethernet cable

**Optional equipment** Depending on model, the box may contain additional components.



15-Pin telemetry  
cable



Fleet power cord  
(Fleet models only)



PSTN cable  
(PSTN and  
DialServ models only)



Cellular  
antenna(s)



Telemetry  
connector



GPS antenna  
(GPS models only)



Wi-Fi antenna  
(Wi-Fi models only)

## Transport WR44 RR components

Depending on model and configuration, your box may contain additional cables or antennas. Note that you may require one or more external antennas for your model and application.

### Included equipment



TransPort WR44 RR

### Required additional equipment



SIM card(s)  
MiniSIM (2FF) size



Personal computer



Hex head screwdriver

**Note** A loose label sticker that includes the unique device password is included in the box. Retain this label sticker with your hardware records. This default password will be needed if the device is factory reset and you want to access the web UI on the device or register the device with Digi Remote Manager. If the device was already registered with Remote Manager at the time of the factory reset, you do not need the unique password to access the device in Remote Manager.



Ethernet cable



Power cord



Dielectric grease

## 2 Connect the hardware

**Tip** Position the Digi TransPort WR44 on a flat, level surface or via wall-mount, rackmount, or DIN rail mounting brackets in a location with adequate ventilation. The unit is designed for indoor use. Do not expose the unit to extreme heat or cold, strong magnetic fields, or liquids.

1. Using a screwdriver, remove the SIM slot cover.



2. Insert the SIM card(s) into the SIM sockets. For **SIM 1**, the contacts must be face down. For **SIM 2**, the contacts must be face up. Insert the SIM card with the chamfered corner first.

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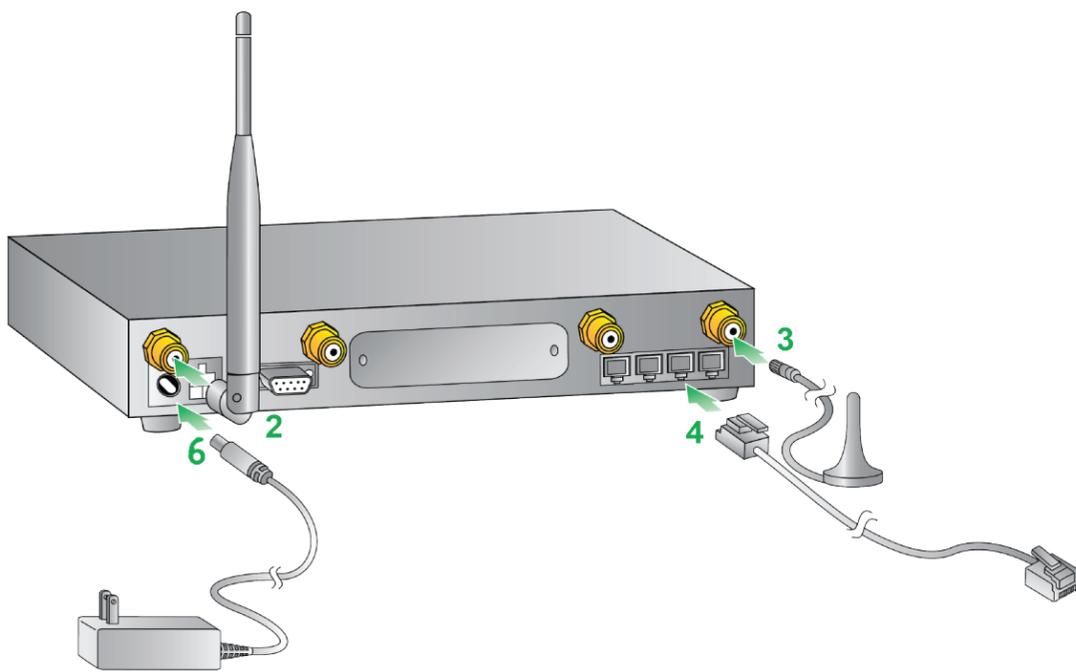
**Note** To meet environmental specifications, after installing the SIM cards, re-attach the SIM cover.

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**Note** Devices used in environments with high vibration levels can experience unexpected SIM card failure (contact fretting). Digi highly recommends that you apply a thin layer of dielectric grease to the SIM contacts prior to insertion.

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3. Connect the cellular antenna to the **WWAN PRIMARY** connector on the unit. If the unit is equipped with a secondary cellular antenna connector, connect it to the **WWAN SECONDARY** connector.
4. Connect one end of the Ethernet cable to the **LAN 0** port on the unit and the other end to a LAN port on a PC.
5. **TransPort WR44 RR GPS models only:** Connect the GPS antenna (not included) to the GPS antenna connector.



6. Connect the power supply.

**TransPort WR44 and TransPort WR44 R models only:** Connect the GPS antenna (not included) to the GPS antenna connector. Depending on model, the unit either comes with an AC power supply, 4-pin DC power cord, or a fleet power cord. Instructions follow for each power supply.



**Warning** Only use one of the power connectors. Never apply power to both the **MAIN** and **AUX** ports at the same time.

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- **AC power supply:** Connect the locking barrel end of the power supply to the **MAIN** connector on the unit, and plug the other end into a wall outlet. International units come with interchangeable power supply adapters. Extended Temperature model variants have a 4-pin connector that plugs into the **AUX** port on the unit.
- **4-Pin DC power cord:** Connect the locking barrel or the 4-pin connector of the cord to the **MAIN** power port on the unit, and wire the four bare wires according to your needs. The red and black wires provide basic DC power input, and the blue and green wires are programmable signal lines. Instructions for each power supply follows.
- **Fleet power cord:** Connect the 4-pin connector to the **PWR** port on the unit. Connect the locking barrel jack to the **MAIN** connector on the unit. Finally, wire the two bare wires according to your needs. For sample wiring diagrams and pinout information, see the *Fleet I/O Interface User's Guide*, online at [www.digi.com](http://www.digi.com).

**TransPort WR44 RR models only:** Connect the M12 connector end of the cord to the 9-36VDC connector on the device, and wire the four bare wires according to your needs. The brown and blue wires provide basic DC power input, and the black and white wires are GPIO signal lines.

- Pin 1: Power +ve (Brown)
- Pin 2: GPIO 0 (White)
- Pin 3: Power -ve (Blue)
- Pin 4: GPIO 1 (Black)

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**Tip**

- Tighten the **Ethernet**, **Serial** and **Power** M12 connectors to a torque of 0.6Nm (5.3 lbs).
  - Tighten the **WWAN**, **Wi-Fi** and **GPS** antenna TNC connectors to a torque of 1.5Nm (13.3 lbs).
  - The Digi TransPort WR44 RR is designed for indoor and outdoor use. Mount the unit in a position to allow access to the cables on the rear panel.
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### 3 Get started with the Digi mobile app

Take advantage of the Digi Remote Manager subscription bundled with your WR44 Family purchase.

Use the **Digi Remote Manager** mobile app to quickly set up your WR44 Family.

Here's how:

- a. Download the **Digi Remote Manager** mobile app from the [App Store](#) (iPhone) or [Google Play](#) (Android).
- b. Click **Log in or Sign Up** and then click **Sign up** to create a new account.
- c. You'll receive an email with login instructions.
- d. From the **Digi Remote Manager** mobile app, click **Log in** and log into your new account.
- e. From the menu, select **Install a device with a QR or bar code** and scan the installation QR code on the label.
- f. Follow the prompts to complete your WR44 Family registration.

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## 4 Run the Getting Started Wizard

If your PC is configured to automatically get an IP address, it can get an IP address from the device. Otherwise, make sure your PC can connect to the network **192.168.1.0 (255.255.255.0)**.

**Note** To use your Digi TransPort WR44 RR, you must first activate the device with your cellular carrier. This process involves supplying the carrier with the MEID number from your device, which is printed on the bottom of the router.

1. Enter **192.168.1.1** into the address bar of the web browser. The first page of the Getting Started Wizard appears.
2. Enter login credentials.

**Note** The default username to log in to the TransPort device is **admin** and the default password is printed on the device label. If a password is not on the label, the default username is **username** and the default password is **password**. If neither password works, the password may have been updated. Contact your system administrator.

3. To run the wizard, click **Get Started** or click **Skip Wizard** to manually configure the device.
4. The Getting Started Wizard prompts you to enter your Digi Remote Manager username and password. If you do not already have a Digi Remote Manager account, go to <https://remotemanager.digi.com> to sign up for a free trial.

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## 5 TransPort LEDs and startup states

### POWER LED:

Off: No power

Green: TransPort device is powered

- **LAN LEDs:** Illuminate steady when there is a network connection to the LAN port and flashes when data is transmitted or received.
- **WiFi LED (Wi-Fi models only):** Illuminates steady if Wi-Fi activity is present.
- **SERIAL LED:** Illuminates steady if a terminal is connected to the **SERIAL** port and the DTR signal is on. Flashes when data is transmitted or received.
- **LINK LED:** Illuminates steady when a wireless WAN data connection has been established.
- **SIM LED:** Illuminates steady when a valid SIM card is installed.
- **ACT LED:** Flashes to indicate that data is being transmitted over the wireless WAN network.
- **SIGNAL LEDs:** Indicate the strength of the cellular signal.
  - 3 LEDs: Excellent
  - 2 LEDs: Good
  - 1 LED: Fair
  - 0 LEDs: Poor or no signal

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## 6 Next steps

After the *Getting Started Wizard* completes, the TransPort web interface appears. For additional configuration, use the web interface and refer to the [Digi TransPort User Guide](#) and Application Notes on the appropriate Digi website for your product:

- [Digi TransPort® WR44](#)
- [Digi TransPort® WR44 R](#)
- [Digi TransPort® WR44 RR](#)

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## 7 Update device and modem firmwares

Digi strongly recommends updating the router's device and modem firmware before first use. This ensures that the router has the latest device security and cellular network patches applied. To download the latest firmware, go to <https://www.digi.com/support> > [Firmware Updates](#), select the model and follow the steps outlined in [TransPort Firmware Update Instructions](#).