

◆ Important Safety Warnings

"Installation" should include bonding the screen of the coaxial cable to the earth at the building entrance per ANSI/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93. Grounding of Outer Conductive Shield of a Coaxial Cable.

◆ Installation

Follow the procedures below to install the hardware. Figure 1 illustrates the connection relationship.

1. Connect one end of the coaxial cable (not included) to the CABLE port on the modem, and connect the other end to the cable wall outlet. Be sure not to bend or over tighten the cables as this may strain the connector and cause damage. If you plan to connect the modem and television to the same wall outlet, you must use a cable line splitter (not included).

2. Connect one end of the Ethernet cable to an

Ethernet port on the modem, and connect the other end to the Ethernet port on the PC.

3. Connect one end of the Phone line cable to a VoIP port (Tel) on the modem, and connect the other end to the phone port of the phone set.

4. Connect one end of the DC power adapter to the POWER port on the modem, and connect the other end to an electric outlet on the wall.

◆ Connectors on the rear panel of the Modem

This list of connectors describes where to connect the cables and power adapter when installing the cable modem.

1. **POWER:** This is where you connect the included power adapter. Remember to use only the power adapter that came with the Cable Modem.

2. **TEL:** This is where you connect the phone line

RJ11 cable. The other end connects to the phone line port on the Telephone set.

3. **ETHERNET:** This is where you connect the Ethernet RJ45 cable. The other end connects to the Ethernet port on the PC or NIC.

4. **RESET button:** Reset the device to factory defaults by pressing and holding the button for more than 10 seconds.

5. **CABLE Connector:** This is where you connect the coaxial cable (not included) that leads to the cable splitter (not included) or the cable wall outlet.

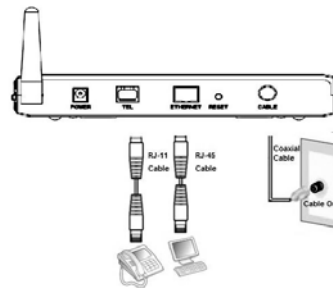
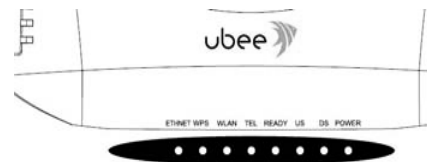


Figure 1 illustrates the connection relationship



Please see the LED descriptions below:

LED	COLOR	DESCRIPTION
Power	Green	Indicates that the Device has successfully completed internal power-on tests. LED flashes if power-on self test

		fails.
DS	Green	Indicates that data is being received from the cable network. Indicates that the cable modem has acquired a DS channel.
US	Green	Indicates that data is being transmitted to the cable network. Indicates that the cable modem has acquired an upstream channel
Ready	Green	LED will flash slowly when performing upstream ranging. LED will flash quickly when

		acquiring an IP Address and Configuration File. LED will remain off if the cable modem configuration file has network access set to "disable". The LED will remain solid when the cable modem is registered on the cable network.
Tel	Green	LED MUST remain solid, when on-hook LED MUST flash when a phone is "Off-hook"
WPS	Green	LED flashes when pushing the Hardware WPS (at the right

		side of CPE) button.
WLAN	Green	When Wifi network is available, LED will be on.
Ethernet	Green	Indicates connectivity between the Ethernet port on the cable modem and the PC's Ethernet port. LED flashes when traffic is being passed.

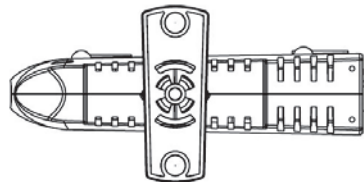
◆ Specification

Operating Environment: 40 degree C max.

◆ Safety Notices

1. When this device is placed upright with the aid of the stand, the stand must be fixed at a 90-degree

angle to the cable modem; otherwise the device will have the risk of tipping over.



2. "Installation" should include bonding the screen of the coaxial cable to the earth at the building entrance per ANSI/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93; Grounding of Outer Conductive Shield of a Coaxial Cable.
3. How to disconnect device. The power plug should be installed near the cable modem to be easily accessible. If the cable modem becomes damaged, disconnect the power plug from the AC wall outlet immediately."

◆ Wall-Mount Installation

You can mount this device on a wall using the two



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mounting brackets on the bottom of the device. We recommend that you use two round or pan head screws.

1. Install two screws on a flat surface using Figure 2 on the opposite page as a reference. The screws should protrude from the wall so that you can fit the device between the head of the screw and the wall.

If you install the screws into drywall, use hollow wall anchors to ensure that the device does not pull away from the wall due to prolonged strain from the cable and power connectors.

2. Mount the device onto the wall. Use Figure 3 on the opposite page as a reference:

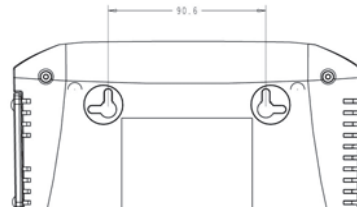


Figure 2: The distance of the pothook (Horizontal)



Figure 3: The screw's size

◆ Federal Communications Commission (FCC) Interference Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, the device may cause harmful interference to radio communications. There is no guarantee, however, that interference

will not occur in a particular installation. If this device causes harmful interference to radio or television reception, which can be determined by turning it off and on, the user can try to correct the interference by one of the following measures:

- Increase the separation between the device and the equipment with which it is interfering (for example, a television or radio).
- Connect the device into an electrical outlet on a different circuit than the interfered device is connected.
- Consult the dealer or an experienced radio/TV technician for help.

◆ FCC Regulatory Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Caution: Any changes or modifications not expressly approved by the party responsible for

compliance could void the user's authority to operate this device. IEEE 802.11b or 802.11g operation of this device in the U.S.A. is firmware-limited to channels 1 through 11.

◆ FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated at a minimum distance of 20cm between itself and your body. This device must not be co-located or operating in conjunction with any other antenna or transmitter.