Ultritouch

Installing and Cabling the ULTRITOUCH

⚠️ **CAUTION**

Before you set up and operate your Ultritouch-2 or Ultritouch-4, refer to the "Important Regulatory and Safety Notices to Serive Personnel" document that was included with your panel. It is also recommended to refer to the *Ultritouch User Guide* which is available for download from our website.

1.0 Rack Mounting

1. Unpack your Ultritouch from its shipping box.

2. Mount the Ultritouch to the front of the rack cabinet using rack screws.

3. Remove the plastic film from the Ultritouch front panel.

⚠️ **CAUTION:** *Adequate ventilation within a rack frame must be maintained. Ensure side to side ventilation is not compromised.*
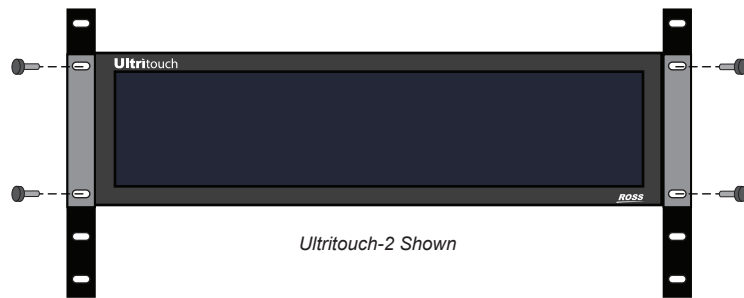
Ultritouch-2 Shown

ULTRITOUCH-2	
Height	3.5" (9cm)
Width	19.0" (48cm)
Depth	2.5" (6cm)
Weight	5.25lb (2.40kg)
Temperature	Op: 0°C to +40°C
	Non-op: -20°C to +60°C

ULTRITOUCH-4	
Height	7.0" (17.8cm)
Width	18.0" (46cm)
Depth	2.6" (7cm)
Weight	12lb (5.40kg)
Temperature	Op: 0°C to +40°C
	Non-op: -20°C to +60°C

2.0 LAN or Network Cabling

To connect the Ultritouch to your LAN or network

- Plug an Ethernet cable from your network into **ENET 1**. This is the network connection for the Ultritouch.

*Note: The Ultritouch must be connected to the same subnet as the devices it will communicate with.*

Network Connection
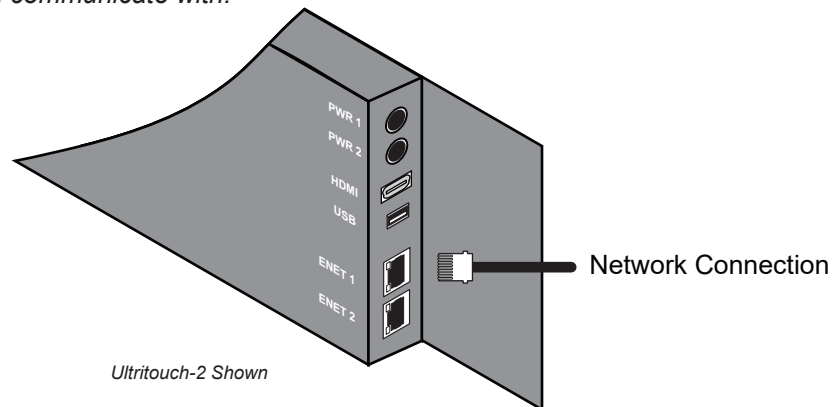
Ultritouch-2 Shown

3.0 Power Cabling

To connect the primary power module

1. Connect the power module cable to the **PWR 1** port on the Ultritouch.

2. Using the supplied power cord, connect the power module to a suitable AC mains supply.

   Note: The Ultritouch automatically powers on when power is applied.
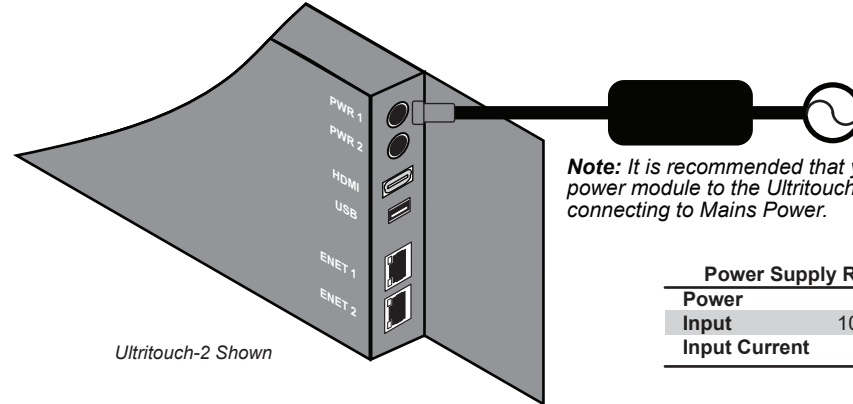
Ultritouch-2 Shown

Note: It is recommended that you always connect the power module to the Ultritouch before connecting to Mains Power.

Power Supply Ratings (All Models)	
Power	15VDC @ 4A
Input	100-240VAC, 50/60Hz
Input Current	1.4A

To connect the optional redundant power module

1. Connect the second power module to the **PWR 2** port on the Ultritouch.

2. Using the suplied power cord, connect the second power module to a suitable AC mains supply.

4.0 Specify the IP Address

1. Download and install the DashBoard client software to a computer connected to the same IP address subnet as the Ultritouch. The software is available from our website.

   Note: Ultritouch ships with the default IP Address of 192.168.20.160.

2. Launch the DashBoard client software on your computer.

3. Select **Window** > **Preferences** > **Selected network interface**.

4. Select the specific ENET port that is connected to the Ultritouch LAN

5. Click **Apply**, then click **OK**.

6. Re-start the DashBoard client software.

7. Select **File** > **Show Walkabout** to display the Walkabout table.

8. Click **Refresh**.

9. In the **Walkabout** table, find the entry for the Ultritouch you want to configure.

10. Use the **Name** field to assign a unique identifier to the Ultritouch panel.

    Note: After you edit a cell in the Walkabout table, wait 1 minute, then click Refresh.

11. Use the **Address** field to assign the new IP Address specified by your IT Deparment.

12. Ensure the **Netmask** field is set to match your network requirements.

13. Use the **Gateway** field to specify the IP Address specified by your IT Deparment.

14. Click **Reboot** in the row of the Walkabout table for the Ultritouch.

5.0 Ultritouch in the Tree View

1. In the DashBoard client main toolbar select **File** > **New** > **TCP/IP DashBoard Connect or openGear Device**.

2. In the **IP Address** field, enter the IP Address that you assigned to the panel in the previous procedure.

3. Click **Detect Frame Information** to automatically retrieve the appropriate settings for the Ultritouch.

4. Click **Finish** to display the Ultritouch in the Tree View of DashBoard.

6.0 Initial Device Connection

1. In the DashBoard client window, locate the Ultritouch in the Tree View.

2. Expand the **Ultritouch** node to display the Ultritouch Device sub-node.

3. Double-click the **Ultritouch Device** sub-node.

4. In the Ultritouch Device interface, click **Connected Devices**.

5. In the Tree View of DashBoard, locate the device you want to connect to.

6. Drag and drop the device node to the Connected Devices interface.

   The device displays in the Connected Devices table.

7. Repeat steps 5-6 for each device that the Ultritouch will communicate with.

7.0 Installing a License Key

If a device-specific license key is required for Ultritouch to communicate with your device(s), the **Enter License Key** dialog displays.

Note: Ultritouch comes pre-installed with an Ultrix license key.

To install a device-specific license key

1. Make a note of the character string in the **Request Code** field of the **Enter License Key** dialog.

2. Display the **Ultritouch Device** interface in DashBoard as outlined above.

3. Click **Manage Licenses**.

4. Contact your Ross representative to obtain your License Key.

   a. Provide your name, your facility name, and the Request Code from step 1.

   b. You will be given a License Key that must be entered in the applicable field in the **Manage Licenses** > **Licenses** table.

5. Enter the provided **License Key** in the applicable field of the **License Management** table.

6. Click **Install Key** in the row for the License Key you entered in step 5.

7. Click **Refresh**.

8. Verify that the **Count** field now reports each installed License Key.

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