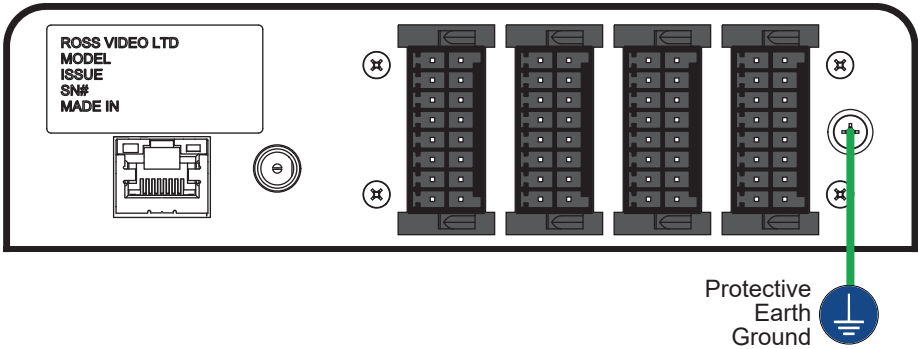


Read the user documentation for your UltrigPI before starting work or operating equipment.

1.0 Protective Earth Stud

Use standard engineering practices to connect the Protective Earth stud to an appropriate earth ground.

CAUTION: Risk of electrical shock. The UltrigPI enclosure shall be connected to earth ground via protective earth stud and 16-18AWG conductor or larger. Refer to the UltrigPI User Guide for details.



2.0 Power Cabling

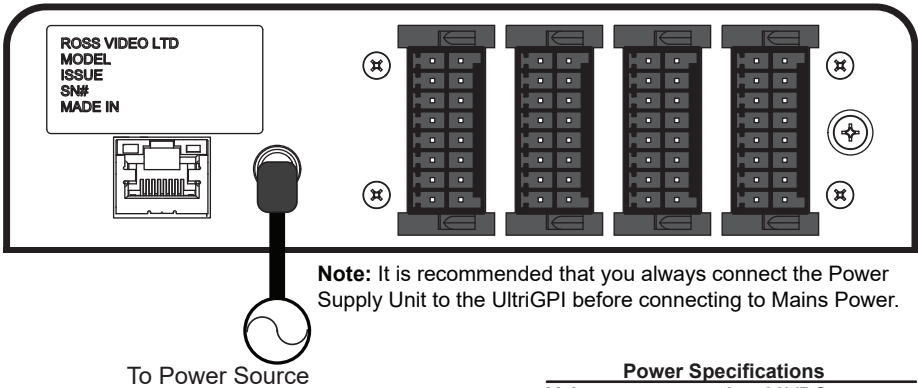
WARNING: The power supply connector of the UltrigPI power supply module must be fully inserted into the UltrigPI PWR port and the locking collar fully secured before use. Failure to do so may damage the PWR port on the UltrigPI chassis.

CAUTION: Ensure to connect the DC Power cord of the power supply to the PWR port on the UltrigPI before connecting the power supply to the power source.

CAUTION: Use of improper adapters may damage the UltrigPI and will void the warranty.

CAUTION: Shock Hazard. Disconnect all power sources before servicing to avoid shock hazard. ATTENTION: Risque d'électrocution. Débranchez toutes les sources d'alimentation avant l'entretien.

NOTICE: The UltrigPI does not have a power switch. Ensure that the UltrigPI is not connected to Mains Power before connecting the power cables to the UltrigPI.



Note: It is recommended that you always connect the Power Supply Unit to the UltrigPI before connecting to Mains Power.

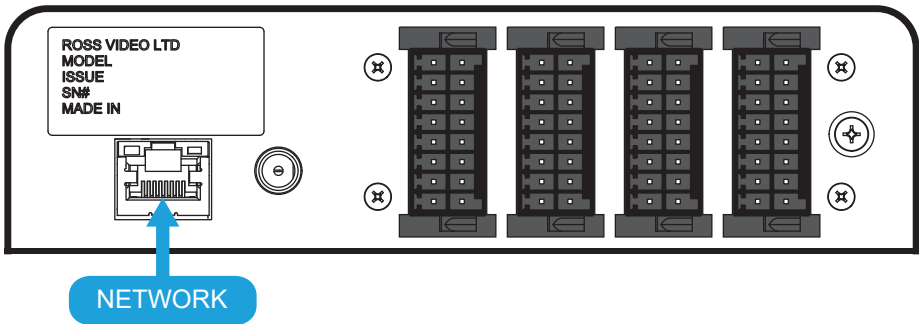
Power Specifications	
Voltage	9 to 30VDC
Power	Maximum 5W
PoE	Maximum 5W
(IEEE 802.3af)	

3.0 LAN or Network Cabling

To connect the UltrigPI to your LAN or network

- Connect a standard CAT 5/5e/6 ethernet cable with a standard RJ-45 connector from your network to **NETWORK** port on the UltrigPI.

Note: The UltrigPI must be connected to the same subnet as the devices it will communicate with and the DashBoard client that will be used to configure the UltrigPI.

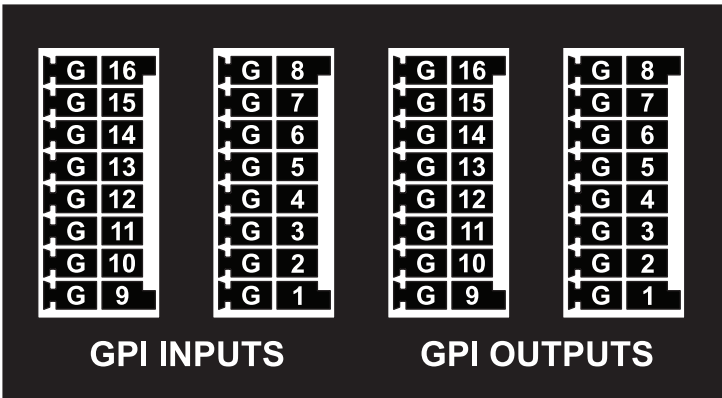


4.0 GPIO Cabling

Each GPI connector is an WAGO 713-1108 16-pin male terminal block. This procedure requires a small flat-blade screwdriver.

To cable a GPI connector

- Strip each required wire end approximately 0.25" (6.35mm).
- On the female plug:
 - Insert the screwdriver in the slot beside the pin to be connected.
 - Insert the stripped wire end into the slot.
 - Remove the screwdriver.
- Repeat steps 1 to 2 for each required pin on each female plug. You may wish to use a centered strain relief plate on the wires of the female plug.
- For each female plug to install:
 - Align the female plug above the GPI connector.
 - Insert the female plug into the GPI connector.
 - Use the lever on the side of the GPI connector to secure the female plug to the connector.
- Ensure the lever is closed, and the female plug is locked into the male GPI connector.



5.0 Assign an IP Address

Once the UltrigPI is physically installed and cabled to your facility network, you will use Walkabout to assign it an initial static IP address to enable DashBoard to locate it on your network.

To use Walkabout to assign the initial static IP address to the UltrigPI

- Launch DashBoard.
- From the DashBoard client main toolbar, select File > Show Walkabout. The DashBoard window displays the Walkabout table.
- Click Refresh, located at the bottom of the Walkabout tab, to ensure the list in the Walkabout interface is current.
- In the Walkabout table, find the UltrigPI you want to configure.
- Use the Name field to assign a unique identifier to the UltrigPI. This will be the name displayed in the Tree View of DashBoard.
- Use the Address field to specify the IP address supplied by your IT Department for this device.
- After you edit a cell in the Walkabout table, it is recommended to wait approximately 1 minute, then click Refresh to apply the new settings.
- Ensure the Netmask field is set to match your network requirements.
- Use the Gateway field to specify the IP address for connection outside of the local area network (LAN).
- Click Reboot in the row of the Walkabout table for the UltrigPI.

6.0 Add to DashBoard

You must manually add the UltrigPI to the DashBoard Tree View to display the interfaces and configure the settings.

To manually add the UltrigPI to the Tree View in DashBoard

- From the main toolbar in DashBoard, select File > New > TCP/IP DashBoard Connect or openGear Device. The New TCP openGear Frame Connection dialog opens.
- In the IP Address field, enter the IP address that you specified in step 6 above.
- Enter a unique identifier for the UltrigPI in the Display Name field or click Detect Frame Information. This is the name displayed in the DashBoard Tree View.
- Click Finish to close the dialog.
- Verify that the UltrigPI node displays in the DashBoard Tree View.
- Right-click the UltrigPI node in the Tree View. A dialog opens.
- Select Open from the dialog.

Have a question? Call our free, 24-hour technical support hotline to speak with a live product specialist located right here in our facility.

Toll Free Technical Support (North America): 1-844-652-0645
Toll Free Technical Support (International): +800 1005 0100
Email: techsupport@rossvideo.com