I/O Labels and Rack Mounting

1a Install port labels 1-16 on all I/O slots to simplify cabling and port identification.
1b Mount the router in the rack frame by means of eight rack screws fastened through the front mounting ears.

CAUTION: Adequate ventilation within a rack frame must be maintained. Ensure side to side ventilation is not compromised. Refer to the Ultrix Installation Guide for more information.

1GbE Network Cabling

LAN or Network 1GbE Connections

Note: The router must be connected to the same network as the other devices in your routing system.
2a Plug an Ethernet cable from your network into the ENET 1 port. This is the primary network connection for the router.
2b Plug an Ethernet cable from your network into the ENET 2 port. This is the backup network connection for the router. (optional)

Note: The router requires two IP addresses: frame and controller.

Source Device Cabling

4a Connect a 75ohm coaxial cable with HD-BNC connectors between the source device and the input connector on the rear panel of the router.
4b Ensure the bayonet connector is locked in place correctly.

Destination Device Cabling

5a Connect a 75ohm coaxial cable with HD-BNC connectors between the destination device and the output connector on the rear panel of the router.
5b Ensure the bayonet connector is locked in place correctly.

Ultrix Power Cabling

6a With Ultrix power disconnected from the AC supply, connect 4 power cables from Ultrix-FR5 to the 4 matching power connectors on the Ultrix power chassis.
6b Connect the power supply to a suitable AC mains supply.

Note: The power supply and Ultrix-FR5 automatically power on when AC power is applied.

Setting the IP Address

7a Launch DASHBoard on your PC desktop.
7b Select File > Show Walkabout.
7c Click Refresh.
7d Locate the Ultrix in the Walkabout table.
7e Use the Address field to specify the IP address. The default is 192.168.20.140. Note: Ultrix does not support Unicode characters.
7f Click Reboot.
7g Refer to the Ultrix User Guide for additional steps.

Before you set up and operate your router, refer to the “Important Regulatory and Safety Notices to Service Personnel” document that was included with your router. It is also recommended to refer to the Ultrix Installation Guide which is available for download from our website.