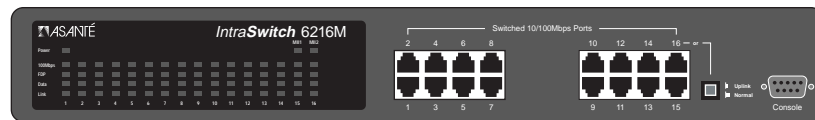
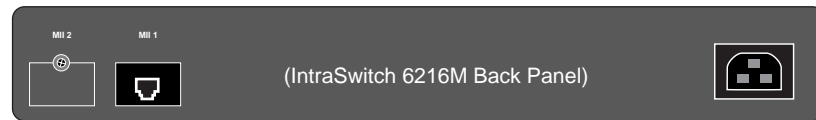
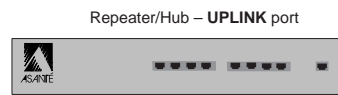


4 Connect to the Network

To connect the IntraSwitch to an Ethernet network:

1. Make sure the IntraSwitch is **not** powered on.
2. Connect the network devices to the switch, following the cable guidelines below.
3. power on the IntraSwitch.



10/100 Port Cabling Procedures

- ▲ **Important:** The IntraSwitch must be located within 100 meters of it's attached 10Base-T or 100Base-TX devices.

Connecting To	Cable Required
Network Station	Category 5, UTP (Unshielded Twisted Pair) straight-through cable with RJ-45 connectors.
Repeater/Hub	Category 5, UTP cross-over cable with RJ-45 connectors.
Repeater/Hub's UPLINK Port	Category 5, UTP straight-through cable with RJ-45 connectors

MII 100BASE-FX EXPANSION PORT CABLING PROCEDURES

Connecting To	Cable Required
All Network Devices	Dual 62.5/125 micron graded-index multimode fiber-optic cable with an SC connector

MII 10BASE-FL EXPANSION PORT CABLING PROCEDURES

Connecting To	Cable Required
ST Connector: Network Devices	Dual 62.5/125 micron graded-index multimode fiber-optic cable All with an SC connector

5 Configure for Management

To use the IntraSwitch as a managed switch, it must be configured with an IP address. this can be accomplished in one of two ways:

- automatically using BootP (default)
- manually using the Console port

BootP Configuration

The IntraSwitch is shipped with BootP/TFTP support. BootP allows the switch to be automatically configured with an IP address when the switch is connected to the network and is powered on, if your network contains a BootP server configured with available, valid IP addresses.

1. Make sure your network has a BootP server configured with a valid IP address entry for the IntraSwitch.
2. When the IntraSwitch is conected to the network and is first powered on, it automatically transmits a BootP request across the network (up to **10** times) until it receives a valid IP address form the BootP server.
3. After an IP address is received, the switch can be managed via in-band access. Refer to Chapter 4 in the IntraSwitch User's Manual for more information.

If an IP address is NOT received, the switch will need to be manually configured with an IP address via the Console port. See "Console Configuration" below.

Console Configuration

1. Using an RS-232 cable, connect a stand-alone terminal or a PC with a terminal emulator to the Console port on the IntraSwitch.
2. Make sure both units are powered on.

If you are using a PC with a terminal emulator, make sure it is configured with the following terminal settings:

- Bits Per Second: 9600
- Data Bits: 8
- Parity: None
- Stop Bits: 1
- Flow Control Hardware: None

3. After connecting the terminal to the switch, the Local Management interface Main Menu appears on the screen.
4. Type **c** to open the Configuration Menu. The "Enter Password" prompt appears.
5. Type **Asante** at the "Enter Password" prompt. The password is case-sensitive. Enter it exactly as shown.
6. Press <Return>. The Configuration Menu appears.
7. Type **i** to open the Switch IP Configuration Menu. The Switch IP Configuration Menu appears.
8. Type **i** to select the option "Set IP Address".
9. Enter the IP address to be assigned to the switch at the prompt, then press <Return>.
- ▲ **Important:** Depending on your network configuration, you may also need to set subnet mask and default router information. See "System IP Configuration" in Chapter 5 of the IntraSwitch User's Manual for instructions.
10. Type **q** to return to the Configuration Menu.

LED Indicators

LED	Color	Meaning
Power	green	The switch is receiving electrical power.
100Mbps	green	The port is operating at 100Mbps speed.
FDP	amber	The port is operating in full duplex mode.
Data	green	Traffic activity is occurring on a port (transmit [TX] or receive [RX]).
Link	green	A node or other network device is properly connected to the port.

- ▲ **Important:** For information on using the front panel LEDs to troubleshoot problems with you network or the IntraSwitch, see Appendix A, "Troubleshooting", in the

Technical Specifications

Network Management	SNMP-compatible management software, Telnet software.
Connectors	RS-232 (DB-9), RJ-45, MII (Media Independent Interface)
Spanning Tree Support	IEEE 802.1d
MAC Address Table Size	8000
Dimensions	17.1" x 13.5" x 1.75" (434.2 x 342.9 x 44.5 mm) — 1.5 RU high
Weight	12 lbs. (5.4 kg)
Power Specifications	Voltage Range 100–240Vac Frequency 60/50 Hz Max. Current Range 2 A
Environment	Temperature 0° to 45° C Relative Humidity 5% to 85% non-condensing
Standards Compliance	MIB II, RMON, BootP, DHCP, IEEE 802.3, IEEE 802.3u, IEEE 802.1d
Safety	UL, CSA, VDE, TUV
Emissions	FCC Class A, EN55022, CE

Asking for Assistance

Telephone:	(800) 622–7464	FTP Archive:	ftp.asante.com
Fax:	(408) 432–6018	E-mail:	support@asante.com
Fax-Back:	(800) 741–8607	Web Site:	www.asante.com

Technical Support Hours: 6:00 a.m. to 5:00 p.m. Pacific Standard Time, Monday — Friday
For troubleshooting tips, refer to Appendix A in the IntraSwitch User's Manual.