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Product Overview

The Cisco 806 router and Cisco SOHO 71 router can connect a corporate telecommuter or small office to an Internet service provider (ISP) over a broadband or Ethernet connection to the following sites:

- Corporate LANs
- The Internet

The router is capable of bridging and multiprotocol routing between LAN and WAN ports.

Features

Table 1-1 summarizes the features of these routers.

Table 1-1   Cisco 806 Router and SOHO 71 Router Feature Summary

Feature	Routers	Description
10BASE-T Ethernet ports	Both	Provides connection to 10BASE-T (10-Mbps) Ethernet networks. Compatible with 10/100-Mbps devices.
Flash memory	Both	8 MB of Flash memory.
Webflash	Both	2 MB of Flash memory reserved for use by the Cisco Router Web Setup software.

Table 1-1   Cisco 806 Router and SOHO 71 Router Feature Summary (continued)

Feature	Routers	Description
Dynamic RAM (DRAM)	Cisco 806	32 MB of DRAM built in.
	SOHO 71	16 MB of DRAM built in.
Ease of installation	Both	Color-coded ports and cables reduce the chance of installation error.
Cisco IOS software	Both	Support Cisco IOS software.
Cisco Router Web Setup application	Both	Provide a web-based software tool for basic configurations and selected applications.
Console port	Both	Provide connection to terminal or PC for software configuration using command-line interface and for troubleshooting.
Cable lock	Both	Provide complementary feature for physically securing router.
Locking power connector	Both	Lock power connector in place.
Wall-mount feature	Both	Brackets on router bottom provide a means for mounting router on a wall or vertical surface.

Table 1-2 describes the ports on the Cisco 806 router and the SOHO 71 router.

Table 1-2   Cisco 806 and SOHO 71 Router Ports

Router	LAN Ethernet Ports	WAN Ethernet Port	Console Port
Cisco 806	Four 10BASE-T RJ-45	One 10BASE-T RJ-45	RJ-45
SOHO 71	Four 10BASE-T RJ-45	One 10BASE-T RJ-45	RJ-45

Router Overview

This section shows the front and back panels of the routers.

Front Panel

Figure 1-1 shows the front panel of the Cisco 806 router.
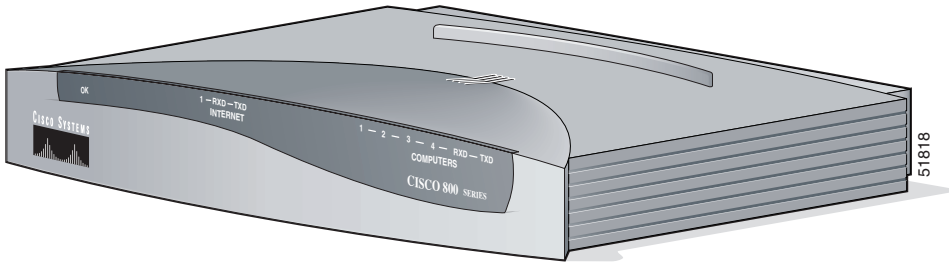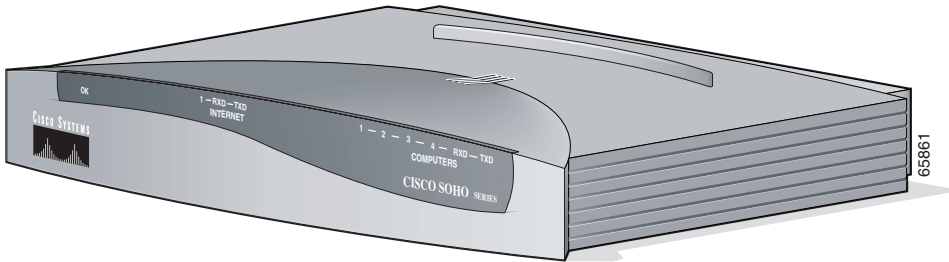
Figure 1-1   Cisco 806 Front Panel

Figure 1-2 shows the front panel of the SOHO 71 router.

Figure 1-2   SOHO 71 Front Panel

Back Panel
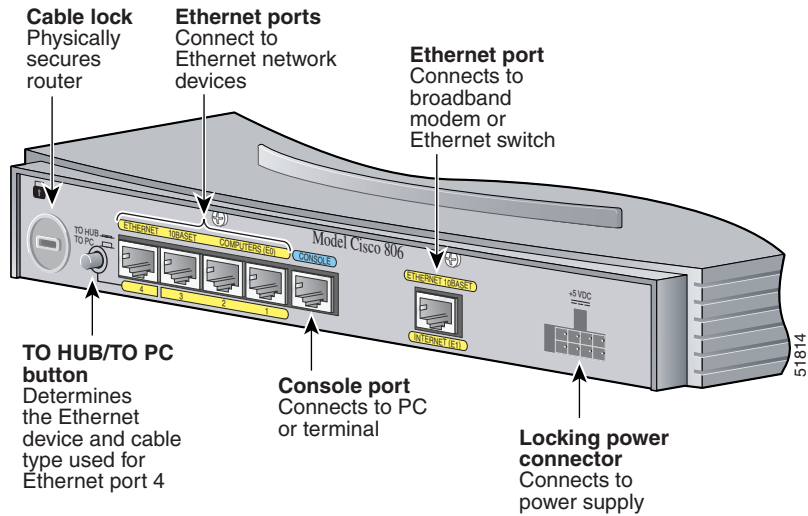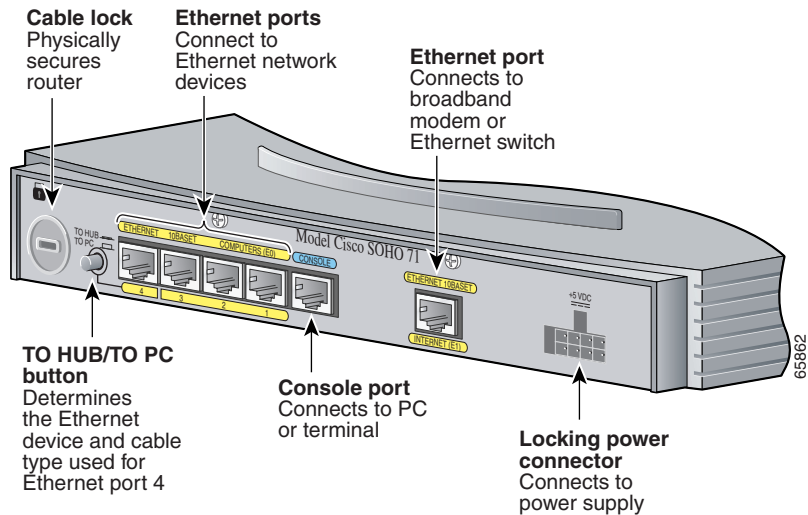
Figure 1-3 shows the back panel of the Cisco 806 router.

Figure 1-3   Cisco 806 Back Panel

Figure 1-3   Cisco 806 Back Panel

Figure 1-4 shows the back panel of the SOHO 71 router.

Figure 1-4   SOHO 71 Back Panel

LEDs

Table 1-3 summarizes the functions of the LEDs on the routers.

Table 1-3   LED Functions

LED	Color	Function
OK LED	Green	On when power is supplied to the router and when the router completes the self-test procedure and begins operating.
COMPUTERS 1-4	Green	On when an Ethernet device is connected. Blinks when the connection has a problem. See the "Troubleshooting" chapter for more information.
ETHERNET RXD	Green	Blinks when an ETHERNET port receives a packet.
ETHERNET TXD	Green	Blinks when an ETHERNET port sends a packet.
INTERNET 1	Green	On when the INTERNET ETHERNET port is connected to a broadband modem or to an Ethernet switch.
INTERNET RXD	Green	Blinks when the INTERNET ETHERNET port receives a packet.
INTERNET TXD	Green	Blinks when the INTERNET ETHERNET port sends a packet.