

Cisco Model EPC3925 8x4 EuroDOCSIS 3.0 Wireless Residential Gateway with Embedded Digital Voice Adapter

The Cisco® Model EPC3925 8x4 EuroDOCSIS 3.0 Wireless Residential Gateway with Embedded Digital Voice Adapter (EPC3925) is a high-performance home gateway that combines a cable modem, two-line digital voice adapter, router and wireless access point in a single device providing a cost-effective voice and networking solution for both the home and small office. The EPC3925 provides a faster connection to the Internet by incorporating eight bonded downstream channels along with four bonded upstream channels. These bonded channels can deliver downstream data rates in excess of 440 Mbps and upstream data rates in excess of 120 Mbps. That's up to eight times faster downloads than conventional single-channel EuroDOCSIS™ 2.0 cable modems.¹

The EPC3925 is designed to meet EuroPacketCable™ 1.5 and EuroDOCSIS 3.0 specifications, as well as offering backward compatibility for operation in EuroPacketCable 1.0 and EuroDOCSIS 2.0, 1.1, and 1.0 networks.

Figure 1. Cisco Model EPC3925 8x4 EuroDOCSIS 3.0 Wireless Residential Gateway with Embedded Digital Voice Adapter (image may vary from actual product and specification)



The EPC3925 integrated router features a Dynamic Host Configuration Protocol (DHCP) server, Network Address and Port Translation (NAT/NAPT) and a Stateful Packet Inspection (SPI) firewall. These features allow the user to share a single high-speed public Internet connection as well as share files and folders between devices in the home network by attaching multiple wired and wireless devices in the active home or office to the wireless residential gateway.

¹ Channel Bonded cable modems must be used in conjunction with CMTSs that support Channel Bonded bonding per the EuroDOCSIS 3.0 specifications. When used with non-Channel Bonded CMTSs, Channel Bonded cable modems function as conventional EuroDOCSIS 2.0 cable modems.

Consumer-friendly features like Wireless Protected Setup (WPS) and user-configured Parental Control can protect the home network from unwelcome intruders and family members from access to undesirable websites.

Features

EuroDOCSIS

- Compliant with EuroDOCSIS 3.0, 2.0, 1.1, and 1.0 standards along with EuroPacketCable specifications to deliver high-end performance and reliability
- DOCSIS-5 compliant LED labeling and behavior provides a user- and technician-friendly method to check operational status and act as a troubleshooting tool
- TR-068 compliant color-coded interface ports and corresponding cables simplify installation and setup

Connections

- Four 10/100/1000BASE-T Ethernet ports to provide wired connectivity
- High-performance broadband Internet connectivity to energize your online experience
- 802.11n Wireless Access Point (WAP) with four Service Set Identifiers (SSIDs) compatible with 802.11b/g
- WPS, including a push-button switch to activate WPS for simplified and secure wireless setup
- Two RJ-11 telephony ports for connecting to in-home wiring or directly to conventional telephones or fax machines

Design and Function

- Simplified self-install
- Quick Links for making home network changes
- Updated GUI with intuitive "Cisco Consumer Guidelines" webpage design
- Attractive, compact design and versatile orientation to stand vertically, lie flat on the desktop or shelf, or mount easily on a wall

Management

- User-configurable Parental Control blocks access to undesirable Internet sites
- Advanced firewall technology deters hackers and protects the home network from unauthorized access
- Allows automatic software upgrades by your service provider

Software and Documentation

- CD-ROM containing user guide and USB driver installation software for Microsoft Windows Vista, Windows XP, and Windows 2000 operating systems

Figure 2. Cisco Model EPC3925 8x4 EuroDOCSIS 3.0 Wireless Residential Gateway with Embedded Digital Voice Adapter Front Panel (image may vary from actual product and specification)



Table 1. Front Panel Features

| Feature | Description |
|------------|---|
| Indicators | Power, DS, US, Online, Ethernet, USB, Wireless Link, Wireless Setup, Tel1, Tel2 |
| Color | Black, black lens, silver text |
| Branding | Cisco and model number |

Figure 3. Cisco Model EPC3925 8x4 EuroDOCSIS 3.0 Wireless Residential Gateway with Embedded Digital Voice Adapter Back Panel (image may vary from actual product and specification)

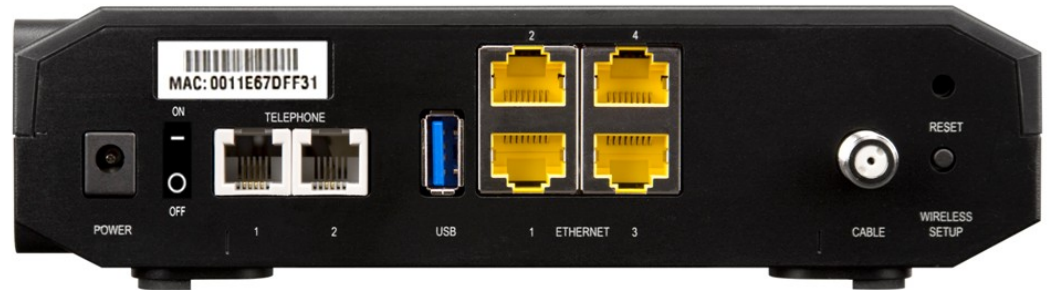


Table 2. Back Panel Features

| Feature | Description |
|---|--|
| POWER Connector Color: Black | Connects the wireless home gateway to the DC output of the AC power adapter |
| MAC ADDRESS LABEL | Displays the MAC address of the cable modem |
| ON/OFF | Power switch turns the modem on and off |
| TELEPHONE 1 and 2 Color: Gray | RJ-11 telephone ports connect to home telephone wiring and to conventional telephones or fax machines |
| USB Color: Blue | Type 2 USB 2.0 port connects to a USB port on a printer or another USB device |
| ETHERNET (1 – 4) Connector Color: Yellow | Four RJ-45 Ethernet ports connect to the Ethernet port on your PC or your home network |
| CABLE Connector Color: White | F-connector connects to an active cable signal from your service provider |
| RESET | Power cycles the EPC3925 |
| WIRELESS SETUP | Activates WPS, which allows you to add wireless devices to the wireless network of the residential gateway |
| ANTENNA (internal) | (2) internal antennas provide a communication connection for the built-in 802.11n wireless |

Ordering Information

Table 3. Ordering Information

| Description | Part Number |
|---|-------------|
| International Configuration – PAL/NTSC, non-battery housing | |
| EPC3925 EuroDOCSIS 3.0 8x4 Wireless Residential Gateway with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 230 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply for Europe • 802.11n, 2x2 Single Band • Ethernet cable • CD-ROM containing user guide Europe | 4031761 |
| EPC3925 EuroDOCSIS 3.0 8x4 Wireless Residential Gateway with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 230 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply • 802.11n, 2x2 Single Band • Ethernet cable • CD-ROM containing user guide Customer Specific Configuration Europe | 4034442 |
| EPC3925 EuroDOCSIS 3.0 8x4 Wireless Residential Gateway with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 240 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply for Australia • 802.11n, 2x2 Dual Band, non-current • Ethernet cable • CD-ROM containing user guide Customer Specific Configuration Australia | 4031762 |

Replacement Components

Table 4. Replacement Components

| Description | Part Number |
|--|-------------|
| Power Supplies | |
| Class 2 Linear-Switching | |
| 230 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply with Euro-style connector | 4034525 |
| 240 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply with Australian connector | 4034526 |
| 240 VAC/50-60 Hz, 15 VDC/ 1.5 A wall-mount linear-switching power supply with UK-style connector | 4034527 |
| Cables, Data | |
| Ethernet cable | 740580 |
| CD-ROM | |
| CD-ROM with User Guide | 4034508 |



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