

Subscriber Networks

WebSTAR™ EPC2203™ Cable Modem with Embedded MTA

Description

The WebSTAR™ EPC2203™ Cable Modem (EPC2203) is a high-speed cable modem with an embedded media terminal adapter (EMTA). The EPC2203 features two RJ-11 telephone ports for Voice over Internet Protocol (VOIP) service along with a 10/100BaseT Ethernet port and a USB 1.1 port for high-speed data connectivity.



The EPC2203 is designed to meet Euro-PacketCable 1.0 and Euro-DOCSIS 2.0 specifications and is backward compatible with Euro-DOCSIS 1.1 and Euro-DOCSIS 1.0 networks. The EPC2203 uses advanced line interface technology to provide multi-country toll-quality telephone service using existing in-home wiring. The EPC2203 supports full 5 REN phone loading on each phone line (10 REN total).

The EPC2203 provides two standard voice codecs: G711 and G728. Additional CODECs are available through software upgrades including high fidelity CODEC options for Toll Quality Plus service. Standard VoIP call signaling is compliant with Euro-PacketCable's (MGCP/NCS) specifications. Software upgrades are also available to support Session Initiation Protocol (SIP) call signaling.

WebWizard

To facilitate setup and troubleshooting, the EPC2203 includes WebWizard—a browser-based user interface. In addition, the seven LEDs on the front panel provide an informative and easy-to-understand display that indicates cable modem status and real-time data transmission activity.

Battery Backup (Optional)

The EPC2203 can be ordered with an optional housing that has provisions for an internal cartridge-style Li-Ion battery to provide backup power in the event of an AC power failure. The battery compartment is neatly concealed on the bottom of the unit. This user-friendly design allows easy battery cartridge replacement without the use of any tools.

Features

- Designed to meet Euro-PacketCable 1.0 and Euro-DOCSIS 2.0 specifications
- Cable modem with an Embedded MTA that provides two lines of voice services
- Toll quality, high compression, and high fidelity (exceeding Toll Quality) CODEC options
- Internet Protocol Security (IPSec) and AES-128 encryption options
- Attractive compact design
- Versatile orientation: stands vertically or lies flat on the desktop, or mounts easily on the wall
- WebWizard browser-based user interface for simple setup
- Bridged 10/100BaseT auto-sensing / auto-MDIX Ethernet port, and USB 1.1 data port
- Optional battery backup housing allows standby powering on loss of AC power
- 2200 mAh Li-Ion battery cartridge provides up to 8 hours of battery backup operation¹

¹ The listed battery backup time (8 hours) is the nominal initial time that the battery pack can provide standby power after loss of AC power and after fully charging the battery. Due to variations in individual units, the actual initial standby time can vary +/- 10%. Other factors can also influence battery standby power times such as CPE data activity, variations in EURO-DOCSIS traffic, telephone port activity, battery aging, and temperature.

WebSTAR EPC2203 Cable Modem with Embedded MTA

Ordering Information

Contact your Sales Representative for product availability in your area.

Standard powering configurations (no battery backup capability)	Part Number
2-Line VoIP Cable Modem with EMTA for International markets. Includes: <ul style="list-style-type: none"> ▪ Euro-PacketCable 1.0 / Euro-DOCSIS 2.0 ▪ Standard housing (no battery backup capability) ▪ 230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 Euro plug power connector ▪ Ethernet and USB cables ▪ CD-ROM containing user's guide and USB drivers 	4011095
2-Line VoIP Cable Modem with EMTA for International markets. Includes: <ul style="list-style-type: none"> ▪ Euro-PacketCable 1.0 / Euro-DOCSIS 2.0 ▪ Standard housing (no battery backup capability) ▪ 100-240 VAC / 50-60 Hz, 12 VDC / 1A Class 2 In-line switching mode power supply ▪ 2 conductor, European, Euro plug CEE7/16 to C7 ▪ Ethernet and USB cables ▪ CD-ROM containing user's guide and USB drivers 	4013276

Replacement Components

AC Power Supplies	Part Number
<i>Linear, Class 2, 15 VDC</i>	
230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and CEE7/16 Euro plug power connector	4004855
230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and BS-1363 style 3-pin UK power connector	4006872
<i>Switching Mode, Class 2, 15 VDC</i>	
100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal power supply	4007274
<i>Linear, Class 2, 12 VDC</i>	
230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 Euro plug power connector	4002193
230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and BS-1363 style 3-pin power connector	4004768
220 VAC / 60 Hz, 12 VDC / 1A In-line linear power supply with attached cord and power connector for Korea	4004222
220 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and power connector for Argentina	4012871
230VAC / 50HZ, 12 VDC / 1A Plug-in linear power supply for Australia	4012872
230 VAC / 50 Hz, 12 VDC / 1A Plug-in linear power supply with CEE7/16 Euro plug power connector	4012345
<i>Universal Switching Mode, Class 2, 12 VDC</i>	
100-240 VAC / 50-60 Hz, 12 VDC / 1A In-line universal switching mode power supply, Class II, C7 AC connector, 2 conductor (power cord not included, order power cord separately)	4009116

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Power Cords	Part Number
<i>Class 2</i>	
Power cord, 2 conductor, North America, NEMA 1-15 to C7, non-polarized	1002239
Power cord, 2 conductor, Japan, NEMA 1-15 to C7, non-polarized	207586
Power cord, 2 conductor, European, Euro plug CEE7/16 to C7	503414
Power cord, 2 conductor, United Kingdom, BS1363 to C7	1002798
Power cord, 2 conductor, Brazil Euro plug CEE7/16 to C7, INMETRO	4009115
Power cord, 2 conductor, Korea	4010439
Power cord, 2 conductor, Argentina	4012938

Battery Cartridge	Part Number
2200 mAh Li-Ion Battery Cartridge	4008300

Cables	Part Number
Ethernet cable	740580
USB cable	740579

User's Guide and USB Drivers	Part Number
CD-ROM with user's guide and USB drivers	4001911



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Part Number 7008322 Rev B
 April 2006