

Subscriber Networks

WebSTAR™ EPX2203™ Cable Modem with Embedded MTA

Description

The WebSTAR™ EPX2203™ Cable Modem (EPX2203) features an embedded media terminal adapter (EMTA) with two RJ-11 telephone ports for voice services along with a 10/100BaseT Ethernet port and a USB 1.1 port for high-speed data connectivity.

The EPX2203 is designed to meet Euro-PacketCable 1.0 and Euro-DOCSIS 2.0 specifications as well as being backward compatible with Euro-DOCSIS 1.1 and Euro-DOCSIS 1.0 networks.

The EPX2203 features Dual Mode. Dual Mode allows the network operator to deploy the EPX2203 in networks that use either Euro-DOCSIS or DOCSIS® technology.¹

The EPX2203 can be upgraded to support various combinations of codecs, including G.711, industry-standard high compression voice codecs, and T.38 fax relay.

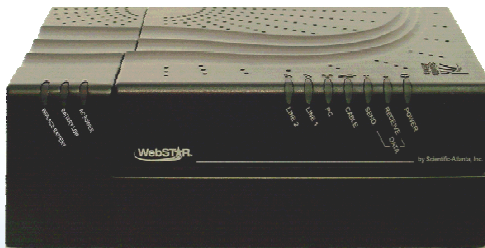
Call signaling is compliant with the Network Call Signaling (NCS) of the Euro-PacketCable specifications. The EPX2203 can also be configured with optional SIP call signaling protocol.

The housing of the EPX2203 incorporates a hide-away stabilizer bar for standing the unit on end. The stabilizer bar tucks neatly into the casing when the unit is set horizontally on a desktop or when wall-mounted.



WebWizard

To facilitate setup and troubleshooting, the EPX2203 includes WebWizard—a browser-based user interface. WebWizard eliminates the need to load setup software on the CPE. 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.



EPX2203 with optional battery pack

Battery Backup Option

The EPX2203 can be equipped with a factory-installed rechargeable Li-Ion battery pack to provide up to 4, 8 or 12 hours² of stand-by operation in the event of an AC power failure. The user-friendly battery pack design allows the end user to replace the battery pack without the use of any tools.

The EPX2203 can also be used with a variety of third-party uninterruptible power supplies that contain battery back-up.

Features

- Designed to meet Euro-PacketCable 1.0 and Euro-DOCSIS 2.0 specifications
- Supports NCS (standard) or SIP (optional) call signaling
- WebWizard graphical user interface for simple setup
- Bridged 10/100BaseT auto-sensing / auto-MDIX Ethernet port, and USB 1.1 data port
- 4, 8 or 12 hour battery backup options

¹ EPX2203 hardware revision 2.1 and later supports DOCSIS with both 6 and 8 MHz channel spacing. Prior hardware revisions of the EPX2203 support DOCSIS with 8 MHz channel spacing

² The listed standby times of 4, 8 or 12 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. Other factors can also influence battery standby power times, such as CPE data activity, variations in DOCSIS traffic, telephone port activity, battery aging, and temperature.

WebSTAR EPX2203 Cable Modem with Embedded MTA



Ordering Information

Contact your Sales Representative for product availability in your area.

EPX2203 Hardware Revision 2.11 Description	Part Number
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.11 • 230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Does not include factory-installed battery pack or the interface for the add-on battery pack • Expanded DSP SRAM • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4009604
EPX2203 Hardware Revision 2.1 Description	Part Number
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.1 • 230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Does not include factory-installed battery pack or the interface for the add-on battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4009541
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.1 • 230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Does not include factory-installed battery pack but does include interface for the add-on battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4003420
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.1 • 230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Factory-installed 2200 mAh battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4005853
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem with factory-installed 8 hour battery backup for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.1 • 230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Factory-installed 4400 mAh battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4005854

WebSTAR EPX2203 Cable Modem with Embedded MTA



EPX2203 Hardware Revision 2.0 (no longer in production) Description	Part Number
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.0 • 230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Does not include factory-installed battery pack or the interface for the add-on battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4003259
2-Line, VoIP, EURO-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Hardware Revision 2.0 • 230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Factory-installed 2200 mAh battery pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4004528

Replacement Components

AC Power Supplies	Part Number
<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 for Korea	4004222
<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
<i>Universal Switching Mode, Class 1, 12 VDC</i>	
100-240 VAC / 50-60 Hz, 12 VDC / 1A In-line universal switching mode power supply, Class 1, C13 AC connector, 3 conductor (power cord not included, order power cord separately)	749825
<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 power connector	4006872
<i>Universal Switching Mode, Class 2, 15 VDC</i>	
100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal power supply	4007274

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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
<i>Class 1</i>	
Power cord, 3 conductor, NEMA 1-15 to C13, North America, Caribbean, Philippines, Mexico and some areas of South America	740338
Power cord, 3 conductor, Africa, Hong Kong, Ireland, and United Kingdom	740339
Power cord, 3 conductor, Europe, Middle East, Asia, and some areas of Africa and South America	740562
Power cord, 3 conductor, Australia, New Zealand, Fiji, and mainland China	740563
Power cord, 3 conductor, Argentina	4003938
Power cord, 3 conductor, Chile	4003340
Power cord, 3 conductor, Korea	745160
Power cord, 3 conductor, Japan	745161
Power cord, 3 conductor, China and Columbia	745415

Battery Packs	Part Number
Replacement Li-Ion battery pack, 3 cell, 4 hour	4005800
Replacement Li-Ion battery pack, 6 cell, 8 hour	4005801
Replacement Li-Ion battery pack, 9 cell, 12 hour	4005802

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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