

Subscriber Networks

WebSTAR™ DPX2203™ Cable Modem with Embedded MTA

Description

The WebSTAR™ DPX2203™ Cable Modem (DPX2203) 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 DPX2203 is designed and built to meet PacketCable™ 1.0 and DOCSIS® 2.0 specifications and to be backward compatible with DOCSIS 1.1 and DOCSIS 1.0 networks. The DPX2203 was the first EMTA in the industry to be awarded PacketCable 1.0 certification for DOCSIS 2.0 networks.

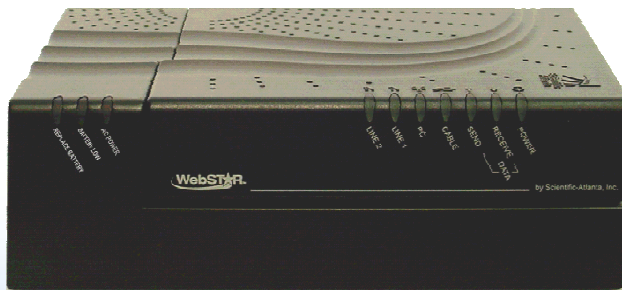
The standard DPX2203 provides two voice codecs: G711 and G728. Call signaling is compliant with Network Call Signaling (NCS) of the PacketCable specifications. In addition, the DPX2203 can be configured to support Session Initiation Protocol (SIP).

The housing of the DPX2203 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 DPX2203 includes WebWizard—a browser-based user interface. WebWizard eliminates the need to load setup software on the Customer Premises Equipment (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.



DPX2203 shown with optional battery pack

Optional Battery Backup

The DPX2203 can be equipped with a factory-installed rechargeable Li-Ion battery pack to provide up to 4, 8 or 12 hours¹ 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 DPX2203 can also be used with a variety of third-party uninterruptible power supplies that contain battery back-up.

Features

- Combination cable modem with an EMTA that provides two lines of voice services
- Designed and built to meet PacketCable 1.0 and DOCSIS 2.0 specifications
- Supports NCS or SIP call signaling
- Versatile orientation: stands vertically or lies flat on the desk top, or mounts easily on the wall
- 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 The listed battery standby time (4, 8, or 12 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. 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 DPX2203 Cable Modem with Embedded MTA

Ordering Information

Contact your Sales Representative for product availability in your area.

DPX2203 Hardware Revision 2.1 Description	Part Number
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 2.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4009113
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 2.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver • <i>Road Runner configuration</i>	4009628
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 2.1 • 100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal switching power supply • Power cord (Specify power cord from the list below, power cord shipped separately) • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4009117
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 2.1 • Retail package • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4006695
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for NTSC frequency plans. Includes: • H/W Rev 2.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4005853
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for NTSC frequency plans, DOCSIS 1.0+ software load. Includes: • H/W Rev 2.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver • <i>Road Runner configuration</i>	4008383
<i>International frequency plans - Europe</i>	
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 2.1 • Euro style RJ11 pin-out • 230 VAC / 50 Hz, 15 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 driver	4009602

WebSTAR DPX2203 Cable Modem with Embedded MTA

DPX2203 Hardware Revision 2.1 Description	Part Number
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 2.1 • Euro style RJ11 pin-out • Expanded DSP SRAM • 230 VAC / 50 Hz, 15 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 driver	4009603
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for International frequency plans. Includes: • H/W Rev 2.1 • Euro style RJ11 pin-out • 230 VAC / 50 Hz, 15 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 driver	4005854
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for International frequency plans. Includes: • H/W Rev 2.1 • Euro style RJ11 pin-out • 230 VAC / 50 Hz, 15 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 driver • TDC configuration	4014186
<i>International frequency plans - UK</i>	
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for the United Kingdom. Includes: • H/W Rev 2.1 • 230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with attached cord and BS-1363 style 3-pin power connector • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4003255
<i>International frequency plans - Japan</i>	
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC (Japan). Includes: • H/W Rev 2.1 • 100 VAC, 50-60 Hz, 15 VDC /1A Plug-in switching power supply • Ethernet cable only • Japanese language user's guide	4003257

WebSTAR DPX2203 Cable Modem with Embedded MTA

DPX2203 Hardware Revision 1.1 (no longer in production) Description	Part Number
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 1.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver • <i>Road Runner Configuration</i>	4006117
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for NTSC frequency plans. Includes: • H/W Rev 1.1 • 100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal power supply • Power cord (Specify power cord from the list below, power cord shipped separately) • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4008382
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for NTSC frequency plans. Includes: • H/W Rev 1.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4008161
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for NTSC frequency plans, DOCSIS 1.0+ software load. Includes: • H/W Rev 1.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver • <i>Road Runner configuration</i>	4006351
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 4400 mAh battery backup for NTSC frequency plans. Includes: • H/W Rev 1.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4006352
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 6600 mAh battery backup for NTSC frequency plans. Includes: • H/W Rev 1.1 • 120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply with attached power cord • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4004538
<i>International frequency plans - Europe</i>	
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 1.1 • 230 VAC / 50 Hz, 15 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 driver	4003256
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 1.1 • Euro style RJ11 pin-out • 230 VAC / 50 Hz, 15 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 driver	4009600

WebSTAR DPX2203 Cable Modem with Embedded MTA

DPX2203 Hardware Revision 1.1 (no longer in production) Description	Part Number
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 1.1 • Euro style RJ11 pin-out • Expanded DSP SRAM • 230 VAC / 50 Hz, 15 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 driver	4009601
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem for International frequency plans. Includes: • H/W Rev 1.1 • 100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal power supply • Power cord (Specify power cord from the list below, power cord shipped separately) • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4008860
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for International frequency plans. Includes: • H/W Rev 1.1 • 230 VAC / 50 Hz, 15 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 driver	4005850
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 2200 mAh battery backup for International frequency plans. Includes: • H/W Rev 1.1 • 100-240 VAC / 50-60 Hz, 15 VDC / 1A Universal power supply • Power cord (Specify power cord from the list below, power cord shipped separately) • Ethernet and USB cables • CD-ROM containing user's guide and USB driver	4008861
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 4400 mAh battery backup for International frequency plans. Includes: • H/W Rev 1.1 • 230 VAC / 50 Hz, 15 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 driver	4005852
2-Line, VoIP, DOCSIS, WebSTAR Cable Modem with factory installed 6600 mAh battery backup for International frequency plans. Includes: • H/W Rev 1.1 • 230 VAC / 50 Hz, 15 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 driver	4005848

WebSTAR DPX2203 Cable Modem with Embedded MTA

Replacement Components

AC Power Supplies	Part Number
<i>Linear, Class 2, 12 VDC</i>	
120 VAC / 60 Hz, 12 VDC / 1A In-line linear power supply for North America	749826
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
100 VAC, 50-60 Hz, 12 VDC / 1A Plug-in switching mode power supply	4004856
<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>	
120 VAC / 60 Hz, 15 VDC / 1A In-line linear power supply for North America	4004854
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
100 VAC, 50-60 Hz, 15 VDC / 1A Plug-in switching power supply	4006873

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

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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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