

## Subscriber Networks

# Model DPC2434™ Wireless Home Gateway with Two-Line Embedded Media Terminal Adapter

## Description

The Model DPC2434™ Wireless Home Gateway (DPC2434) combines a cable modem, two-line Voice over Internet Protocol (VoIP) terminal adapter, router, and wireless access point in a single device to provide a cost-effective voice and networking solution for both the home and small office.

The DPC2434 has been designed to meet PacketCable™ 1.5 and 1.0, CableHome® 1.1, and DOCSIS® 2.0 specifications. In addition, the DPC2434 is fully backward compatible for use on both DOCSIS 1.1 and DOCSIS 1.0 networks.

Designed for the active digital home or office, the DPC2434 features an integrated router along with CableHome-ready Network Address Translation (NAT), a Dynamic Host Configuration Protocol (DHCP) server, parental control, and firewall technology.



## WebWizard

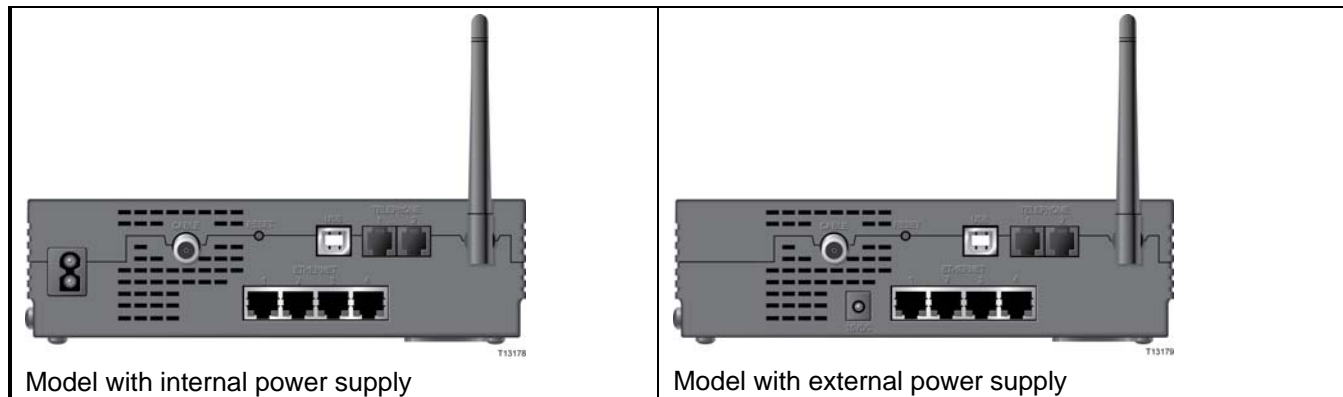
The DPC2434 features WebWizard, a browser-based graphical user interface. WebWizard is a powerful tool that facilitates installation and troubleshooting by eliminating the need to load setup software on the customer premises equipment (CPE).

## Features

- Lockdown mode prevents unauthorized or accidental reset of gateway settings and reduces unnecessary service calls
- Configurable either locally or remotely through Web interface, config file, or SNMP protocols
- CableHome, Residential Gateway (default), or Bridge modes of operation
- Four-port 10/100BaseT auto-sensing with auto-MDIX Ethernet switch and a USB 2.0 port
- Front panel LEDs provide visual feedback of real-time data transmission and cable modem status
- Dual antenna design, one internal and one external, provides uniform wireless coverage
- USB drivers for Microsoft Windows 2000 and Windows XP
- IPsec VPN termination
- 802.11g wireless access point (WAP)
- Attractive compact design to stand vertically, lie flat on the desktop, or mount easily on the wall
- CD-ROM containing user's guide and USB driver installation software
- Optional backup battery capability

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## DPC2434 Back Panel



Back Panel Connections	
POWER or 15 VDC	Connects the wireless home gateway to the AC power cord or to the AC power adapter
CABLE	F-connector connects to an active cable signal from your service provider
RESET	Resets the EMTA. Pressing this switch for more than ten seconds resets the device to factory default values and resets the EMTA
USB	USB 2.0 port connects to the USB port on your PC
ETHERNET (1 – 4)	Four RJ-45 Ethernet ports connect to the Ethernet port on your PC or your home network
TELEPHONE 1 and 2	RJ-11 telephone ports connect to home telephone wiring and to conventional telephones or fax machines
ANTENNA	Provides a communication connection for the built-in WAP

## Ordering Information

Contact your Sales Representative for product availability in your area.

Description	Part Number
DPC2434-2200 Wireless Home Gateway with 2-line EMTA. Includes: <ul style="list-style-type: none"> <li>• North American tuning plan</li> <li>• Internal 100-240 V AC / 50-60 Hz universal power supply</li> <li>• Power cord, North America, NEMA 1-15 to C7</li> <li>• 2200 mAh battery cartridge</li> <li>• Ethernet and USB cables</li> <li>• CD-ROM containing user's guide and USB driver</li> </ul>	4013345
DPC2434C2-2200 Wireless Home Gateway with 2-line EMTA. Includes: <ul style="list-style-type: none"> <li>• North American tuning plan</li> <li>• 120 V AC / 50-60 Hz, 15 V DC / 1 A wall-mount linear switching power supply</li> <li>• 2200 mAh battery cartridge</li> <li>• Ethernet and USB cables</li> <li>• CD-ROM containing user's guide and USB driver</li> </ul>	4015327

# Model DPC2434 Wireless Home Gateway with Two-Line Embedded Media Terminal Adapter

## Ordering Information, continued

<i>International Configuration – PAL/NTSC</i>	
DPC2434 Wireless Home Gateway with 2-line EMTA. Includes: <ul style="list-style-type: none"> <li>• International tuning plan</li> <li>• 230 V AC / 50 Hz, 15 V DC / 1 A desk-top linear power supply for Europe</li> <li>• No battery backup capability</li> <li>• Ethernet and USB cables</li> <li>• CD-ROM containing user's guide and USB driver</li> </ul>	4014308
DPC2434C2-2200 Wireless Home Gateway with 2-line EMTA. Includes: <ul style="list-style-type: none"> <li>• North American tuning plan</li> <li>• 230 V AC / 50-60 Hz, 15 V DC / 1 A wall-mount linear switching power supply</li> <li>• 2200 mAh battery cartridge</li> <li>• Ethernet and USB cables</li> <li>• CD-ROM containing user's guide and USB driver</li> </ul>	4016289

## Replacement Components

Power Supplies	Part Number
<i>Class 2 Linear</i>	
120 V AC / 60 Hz, 15 V DC / 1 A desk-top linear power supply for North America	4004854
230 V AC / 50 Hz, 15 V DC / 1 A desk-top linear power supply with attached cord and CEE7/16 Euro plug power connector	4004855
<i>Class 2 Switching</i>	
100-120 V AC / 50-60 Hz, 15 V DC / 1 A wall-mount linear switching power supply North America and Japan	4015454
230-240 V AC / 50-60 Hz, 15 V DC / 1 A wall-mount linear switching power supply with Euro style connector	4015455

Power Cords for Universal Power Supplies	Part Number
<i>Class 2</i>	
Power cord, 2 conductor, North America, NEMA 1-15 to C7 (polarized) for internal power supply	186750
Power cord, 2 conductor, North America, NEMA 1-15 to C7 (non-polarized)	1002239
Power cord, 2 conductor, Japan, NEMA 1-15 (non-polarized) to C7	207586
Power cord, 2 conductor, European, Euro plug CEE7/16 to C7	503414
Power cord, United Kingdom, BS1363 to C7	1002798
Power cord, 2 conductor, Brazil	4009115
Power cord, 2 conductor, Korea	4010439
Power cord, 2 conductor, Argentina	4012938

# Model DPC2434 Wireless Home Gateway with Two-Line Embedded Media Terminal Adapter



## Ordering Information, continued

Cables	Part Number
Ethernet cable	740580
USB cable	740579

CD-ROM	Part Number
CD-ROM with user's guide and USB driver	4001911



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