cradlepoint

Small Office / Home Office Series

CradlePoint PHS200W
4G Travel Router and Dock

BUSINESS-GRADE 4G TRAVEL ROUTER & DOCK

The CradlePoint PHS2000W is powerful 4G/WiMAX portable handheld battery-powered mobile broadband router that effortlessly connects you and your WiFi devices while you're on the go - as well as a dock that improves the 4G/WiMAX reception you receive at your home or office.

Built for people on the go - simply remove the portable handheld router from the dock and you've got secure, intelligent WiFi to share with friends or coworkers - wherever you are. The PHS2000W handheld router supports up to 16 simultaneous WiFi connections - allowing you to connect laptops, game systems, printers, cameras, etc. You can also use a 3G or 4G USB modem when you find yourself outside of 4G/WiMAX areas.

POWERFUL AND PORTABLE

PHS2000W features 802.11 b/g/n WiFi with an embedded 4G/WiMAX modem. The dock provides enhanced antenna performance as well as switchable Ethernet LAN/WAN connectivity. Our smart battery technology offers portable operation for up to 4 hours. PHS2000W will charge while connected to a laptop or charger while providing full functionality. Also includes USB 2.0 interface for 3G/4G modems with failover/failback.

PHS2000W Features

- Secure, Portable Handheld WiFi Device
- Embedded 4G/WiMAX Modem
- Enhanced In-Home/In-Building Coverage
- Home/Office Docking Station with 10/100 Ethernet Port configurable for either LAN or WAN
- USB 2.0 Support for 3G/4G Modem (option)
- Battery provides up to 4 hours of wireless connectivity

ENTERPRISE POWER

Powered by WiPipe™ technology, PHS2000W requires minimal setup and maintenance. It comes with preinstalled software for out-of-the-box simplicity. Standard in PHS2000W are enterprise security features like multiple WiFi-encryption modes such as WEP and WPA/WPA2 and built-in firewall, which prevent unauthorized use of your connection. With no additional software to load, you'll be up and running in minutes.

With the included docking station, designed specifically for the PHS2000W handheld device, you can enhance your in-building signal reception with two additional high-gain antennas.

ENHANCED PERFORMANCE & RELIABILITY

The PHS2000W is specifically optimized for enhanced performance and reliability when used within the Clearwire/Sprint WiMAX network, ensuring the highest levels of performance and reliability. Rigorous system validation testing ensures that the solution will provide durable connectivity and the best performance results possible for in-building locations, fringe locations, and other areas of low signal strength.
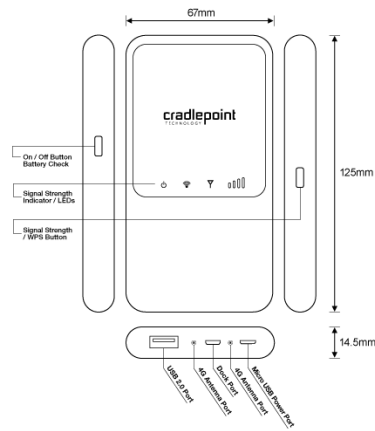
wipipe

cradlepoint.com/phs2000w

TRAVEL ROUTER AND DOCK

The CradlePoint 2000W creates a portable WiFi hotspot, so you can share your super-fast 4G WiMAX broadband data service securely with all your WiFi and Ethernet-enabled devices.

67mm

125mm

On / Off Button
Battery Check

Signal Strength
Indicator / LEDs

Signal Strength
/ WPS Button

14.5mm

USB 2.0 Port

Dock Port

4G Antenna Port

Micro USB Power Port

wireless or wired access

Integrated 4G/WiMAX modem
Enables wireless internet access

Supports most wireless data modems from the leading carriers for diversity (modem and service sold separately)

Increase the speed and performance of your 4G internet connection: place the PHS200W in the window of your home (or hotel room) where 4G reception is best

Special Feature: Use WiFi as a Data Source.
"WiFi-as-WAN" mode enables the PHS200W to become a WiFi repeater (using existing WiFi to create secure connections) or use as a WiFi-to-Ethernet adapter for non-WiFi devices (via Dock)

Data usage management and alerts to monitor data usage and avoid overages

range and connection

Wireless "N" WiFi (802.11b/g/n)

Up to 350-feet of WiFi Range

Supports up to 16 WiFi Connections at a Time

Two WiFi Networks *SSIDs* (1 for owner / private + 1 for guests / public)
Create a private, secure and prioritized connection for you while still sharing with your friends.

Ethernet port to connect devices without WiFi (via Dock)

secure

Secure WiFi with WEP, WPA, WPA2, and AES encryption

Prevent unwanted access to connected computers with SPI Firewall and NAT (Network Address Translation)

Security features for safer internet access
(URL filtering, traffic filtering, DMZ, virtual server, port forwarding)

Flexible

Configure the Ethernet port as "WAN Mode" and create a WiFi hotspot from a wired internet connection (Cable / DSL)

Pass-through VPN connection support enables a laptop with a VPN client to create a secure tunnel to corporate networks (IPSec, L2TP, PPTP)

When using a wired internet source (DSL/Cable Modem) connected to the Ethernet port, the PHS2000W will detect an internet outage and switch to 4G

Use your PHS200W to back up your home network

Hide your WiFi network name from your neighbors

specifications

DATA IN:
Integrated 4G/WiMAX modem

• Standard:	802.16e Wave 2
• Downlink Rates:	10 Mbps peak, 6 Mbps avg.
• Uplink Rates:	5 Mbps peak, 1.2 Mbps avg.
• Frequency Band:	2,500 MHz band
• Power:	23.5 +/- 0.5 dBm (RSU/CPE)
• Chipset:	Beceem 250 chipset
• Antennas:	Internal Main and Diversity
• Antenna Gain:	2 dBi internal; 5 dBi via dock
• Antenna Connectors:	2 TS9 for dock or external use
• RAN Interoperability:	Huawei, Motorola, Samsung

One (1) 10/100 Ethernet port (via dock), WiFi, external USB modem

DATA OUT: WiFi 802.11 b/g/n, One (1) 10/100 Ethernet Port (switchable, via dock)

WIRELESS BROADBAND MODEMS: Most 4G/3G USB Modems

POWER

• Internal Battery:	3.7 V Li-Ion with 3-4 hours life
• Charging Port:	Micro-USB port
• AC/DC Wall Adapter:	Plug Adapter with USB cable
• Charging from Laptop:	Supported via USB cable

TEMPERATURE: 32°F to 104°F Operating / -4°F to 158°F Storage
RELATIVE HUMIDITY:10% to 85% Operating / 5% to 90% Storage

SIZE:

• Router Dimensions :	125 x 67 x 14.5 mm
	5.2 x 9.1 x 1.7 inches
• Dock Dimensions :	125 x 67 x 14.5 mm
	5.2 x 9.1 x 1.7 inches

CERTIFICATIONS: FCC, WiFi Alliance, Clearwire SFN, Clearwire IIOT (in progress), RoHS, 802.3

what's in the box

PHS200W Travel Router & Docking Station

Quick Start Guide

12V Wall Power Adapter & USB Cable

12V Car Power Adapter (available as an accessory)

requirements

Internet Service and Modem
Must have at least one of the following: Active Subscription on the embedded 4G/WiMAX modem or
Cable, DSL, Satellite, T1, T3, Fiber, USB Wireless Broadband Data Modem with Active Subscription, or available WiFi

Attached Devices
Any WiFi-enabled or Ethernet-enabled computer or device (802.11n recommended for best performance)

Browser (to configure router)
Minimum of Firefox v2.0, Internet Explorer v7.0, Chrome, or Safari v1.0

36 mm

117 mm

135mm

WAN/LAN Port

Micro USB Power Port

On/Off Switch

4G Antenna

4G Antenna Port

Power LED

Dock Port

4G Antenna Port

4G Antenna

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