



Introducing the WG-CPE Dedicated High Power Access Point / Client Bridge.

With the WG-CPE Dedicated Transceiver, service providers can provide wireless broadband Internet access without having to invest in expensive infrastructure.

Experience the freedom of mobile network access anywhere.

- **Easy to install and configure using your web browser**
- **Integrated 14dbi antenna yields up to 5Km for a [WG-SAP Hotspot](#) and 15Km with a [WG-SAP Long Range](#)**
- **IEEE 802.11b Wi-Fi compatible**
- **100% T1/DSL/cable compatible (ethernet)**
- **Bridge between wired and wireless networks**
- **Extend the range of your wireless network with WDS Bridge mode**

In Access Point Mode:

The WG-CPE Dedicated combines a high performance 802.11b wireless access point for local wireless connections and a 10/100 Ethernet port for a cable or DSL connection which physically separates the local computers from the broadband network. The unit automatically bridges traffic from the wireless network to the broadband connection.

In Client Bridge Mode:

The WG-CPE Dedicated combines a high performance 802.11b client wireless bridge, and a 10/100 Ethernet port which also gives you the flexibility to bridge wired networks. The unit automatically bridges traffic from the local wireless clients, wired clients and other WG-CPE units.

The Z-VO WG-CPE Dedicated includes a robust web-based management system that allows local or remote users to configure the unit from any device

that can run a browser. DHCP (Dynamic Host Control Protocol) client support make configuring the broadband connection extremely easy.

It works as a transparent switch between all the client connected to it and the either another bridge or the main base.

Features	Benefits
Dual compatibility with Z-VO Wireless LAN and backwards compatibility with cable, xDSL and dialup modems	Works inside and outside of Z-VO WANs as well as with popular broadband modems with available RJ-45 Ethernet port
802.11b compatible	Supports any wireless 802.11b compatible device, such as PC and PCI cards, and USB adapters
Web based configuration	Configurable from a Mac or PC
DHCP client support	Allows easy setup for both the broadband connection and the local network
Bridge	Extends the reach of your wired network to wireless users

System Requirements

- Ethernet-equipped broadband connection for Access Point Mode
- One computer with a web browser for configuration
- 802.11b compatible device for wireless clients
- Ethernet-equipped device for Bridge Mode

Items	Specs
Frequency	2.4 Ghz Direct Sequence Spread Spectrum
Range	Approximately 12 miles dependent on environment
Radio Data Rate	11 Mps, with automatic fall-back rates of 5.5 Mbps, 2Mbps & 1 Mbps for increased operating range
11 Mbps maximum data rate	Provides Ethernet speed to mobile computers
Maximum Computers	200 plus. Limited only by available bandwidth.

Roaming	Unrestricted throughout coverage area
Interface	1 RJ-45 45 10/100Mb broadband port
Antenna Connection Electrical Properties	- Impedance: 50 Ohms nominal - Connector: N-Female
Compatibility	<i>Broadband:</i> Compatible with any broadband connection with an ethernet port (RJ-45 connectors). <i>Wireless:</i> Works with other IEEE 802.11b (Wi-Fi) compliant devices including all Z-VO Products <i>Ethernet:</i> IEEE 802.3 and 802.3u compliant
Warranty	1 year limited parts and labor
Support	Unlimited technical support in the US and Canada
Box Contents	- WG-CPE Dedicated with built-in 14db Directional Antenna - Power over Ethernet injector/power supply.
MSRP Price	\$349