



### **Introducing the WG-PTP Dedicated High Power Access Point / Client Bridge.**

With the WG-PTP 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 19dbi antenna yields up to 10Km for a [WG-CPE](#) and 15Km with another WG-PTP Dedicated**
- **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-PTP 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-PTP 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-PTP units.

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

<b>Roaming</b>	Unrestricted throughout coverage area
<b>Interface</b>	1 RJ-45 45 10/100Mb broadband port
<b>Antenna Connection Electrical Properties</b>	- Impedance: 50 Ohms nominal - Connector: N-Female
<b>Compatibility</b>	<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
<b>Warranty</b>	1 year limited parts and labor
<b>Support</b>	Unlimited technical support in the US and Canada
<b>Box Contents</b>	- WG-PTP Dedicated with built-in 19db Directional Antenna - Power over Ethernet injector/power supply.
<b>MSRP Price</b>	\$449