



Press Release for Pakedge WAP-W3G

For Immediate Release

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Pakedge Now Offers Its WAP-W3G Wireless Access Point, Providing Expanded Wireless Connectivity for A/V, Home Networking and Enterprise-Class Installations

Burlingame, CA – Expanding its range of products for custom-installation audio/video, home networking, security systems and professional use, [Pakedge Device & Software](http://www.pakedge.com) now offers its WAP-W3G Ultra-High-Power Wireless Access Point.

The WAP-W3G widens the capabilities of a wired/wireless network, and enables reliable connectivity in situations where cables cannot be installed. It's ideal for enterprise-class installations, or applications where high-speed, ultimate reliability and flexible operation are required.

The WAP-W3G's ultra-high-power 802b/g radio configuration and 2.4GHz frequency band provides a wireless operating range up to three times that of consumer products. The unit supports VLANs (virtual local area networks) and multiple SSIDs. This enables a user to segment a wireless network for different devices – for example, computers, A/V system touch panels and gaming systems – to provide the most efficient operation for all the connected devices.

Victor Pak, President and CEO of Pakedge, pointed out, "As today's multiroom audio/video systems and home networks become more complex, the need for seamless integration has never been greater. Our WAP-W3G is a versatile installation product that helps to make connecting even the most complicated systems easier, while providing a wide range of useful capabilities."

The WAP-W3G can be configured to operate in Wireless Access Point (WAP), Wireless Bridge or Wireless Repeater (WDS) mode. It offers adjustable power output and range, and is optimized for use with A/V system touch panels and control devices. Just a single Cat5e cable provides power and network connectivity, making the WAP-W3G perfect for custom installations. It is fully 802.3af-compliant, and can be powered by any PoE-compliant switch. The unit's dual antennas ensure the best-possible reception and transmission.

The WAP-W3G can be used worldwide, thanks to its software-enabled country and power output configurability. It supports a wide variety of security standards including WPA, WPA2, AES, TKIP, WEP, RADIUS, MAC filtering and SSID Hide. The WAP-W3G's compact (6.4" L x 4.2" W x 1.4" D) rugged aluminum housing facilitates installation in any interior environment.

The Pakedge WAP-W3G Ultra-High-Power Wireless Access Point is currently available and comes with dual 5dBi omnidirectional antennas, a power supply, Quick Start Guide and Cat5e cable. Please contact sales@pakedge.com for pricing.

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COMPANY PROFILE:

Pakedge Device & Software creates innovative networking products for people who demand performance, features, and reliability. Our products use the most advanced wireless and networking technology. They are designed for professionals to install and consumers to enjoy. For more information and system specifications, visit www.pakedge.com.



Pakedge WAP-W3G ultra-high-power wireless access point

WAP-W3G ADDITIONAL KEY FEATURES AND SPECIFICATIONS:

- Standard: IEEE 802.11b/g, IEEE 802.3, IEEE802.3u, IEEE802.3af, IEEE802.1f, IEEE802.1 x I
- Data Rates and Frequency Band:
 - IEEE 802.11b – DSSS 11, 5.5, 2, 1 Mbps (auto fallback)
 - IEEE 802.11g – 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps (auto fallback), Modulation- DBPSK @ 1Mbps, DQPSK @ 2Mbps, CCK @ 5.5 & 11Mbps, BPSK @ 6 and 9 Mbps, QPSK @ 12 and 18 Mbps, 16-QAM @ 24 and 36 Mbps, 64-QAM @ 48 and 54 Mbps
- RF Frequency Band: 802.11b/g: U.S., Europe and Japan product covering 2.4 to 2.484 GHz, programmable for different country regulations
- Receive Sensitivity (Typical): 2.412~2.472G (IEEE802.11g), up to -91dBm; 2.412~2.472G(IEEE802.11b), up to -90dBm
- Available Transmit Power (Typical): 2.412~2.472G (IEEE802.11g), up to 28dBm; 2.412~2.472G (IEEE802.11b), up to 28dBm
- Operations: Up to Four Multiple SSID; Supports 802.1Q VLANs; Access Point Mode; Bridge Mode; WDS/Repeater Mode
- Built-in overload and short circuit protection
- Dimensions: 6.4" L x 4.2" W x 1.4" D
- Weight: 9 oz.

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