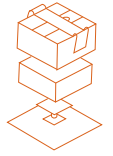


WAP-W2

COMMERCIAL GRADE, HIGH POWER WIRELESS ACCESS POINT



WAP-W2 Datasheet



The Pakedge WAP-W2 is a commercial grade, high power wireless access point that is wall-mountable or can be set on a flat surface. The WAP-W2 power output is adjustable. It has one of the highest power ratings (200mW) on the market today.

Designed for the custom installer, the WAP-W2 is networked and powered by a single Cat5e cable. In addition, it can be powered by most PoE switches on the market today because it is fully 802.3af compliant. The WAP-W2 housing is made of a rugged, heavy gauge aluminum that can handle any interior environment such as an attic or a wiring closet. At the same time, it is sleek and unobtrusive enough to appear in any formal setting.

The WAP-W2 has many features that simplify the installation of multiple access points, resulting in a seamless roaming wireless network experience. In addition, the WAP-W2 throughput is not only optimized for data networks, but for wireless home controls/touchpanels.

KEY FEATURES

Dual 802.11b and g radio configuration with high data speed -54 Mbps.

Industry leading variable software controlled power output (200mW/23dBm) for maximum performance and range.

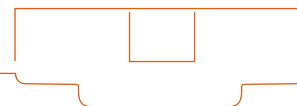
Supports latest security standards such as WPA, WEP, RADIUS, MAC Filtering, Layer 2 Isolation and SSID Hide.

Remote management, remote update and file configuration upload capability.

Power-over-Ethernet- fully compatible with IEEE 802.3af, so will accept PoE power from any 802.3af switch or power supply. In addition, the overload and short circuit protection will shut down power immediately when a short circuit is detected without any damage to the PoE system.

Rugged aluminum housing designed for maximum protection from interference and for maximum cooling.

WDS operating modes- to extend the range to detached structures, i.e. pool house, without additional cables.



SPECIFICATION FOR WAP-W2

STANDARDS	IEEE 802.11b, 802.11g (2.4GHz ISM band)
DATA RATES	802.11b/DSSS 11, 5.5, 2, 1 Mbps (auto fallback) 802.11g/OFDM 54, 48, 36, 24, 18, 12, 9, 6 Mbps (auto fallback)
AUTOMATIC CHANNEL SELECTION	Up to 13 channels selectable based on regulatory domain settings
RF TRANSMIT POWER	Up to 23dBm (200mW), adjustable in steps
OPERATING MODE	WDS supports AP, P2P, P2MP operating modes
ANTENNAS	RP-SMA Connector with a 3dBi gain omni-directional antenna
DIMENSION	5.9" x 5.7" x 1.5" L x W x D
WEIGHT	Electronics and Antenna Assembly- 12oz.
HOUSING	14 gauge Anodized Aluminum Electronic Housing
ENVIRONMENTAL CONDITIONS	Operating temperature: 32 F to 120 F, Operating humidity: 10% to 95%, non-condensing
POWER SUPPLY	Power-over-Ethernet, IEEE 802.3af compliant, 100-240V 50-60 Hz input
MANAGEMENT AND SECURITY	Remote management via HTTPS and SNMP SSID Hide WPA, Radius, WEP MAC Address Filtering Layer 2 Isolation VPN Pass-Through (PPTP, L2TP, IPSec) IAPP seamless roaming Reset to factory default by command and button Firmware upgrade by HTTPS

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 and are designed for professionals to install and consumers to enjoy. You'll find our products are easy to use, productive and aesthetically pleasing.

PACKAGE CONTENTS

Wireless Access Point
3dBi Omni-directional Antenna
Quickstart Guide
Category 5e Cable

*PoE Power Injector sold separately- please contact your sales representative for options



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