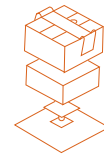


## WAP-O2

### ENTERPRISE-CLASS, OUTDOOR WIRELESS ACCESS POINT

The Pakedge WAP-O2 is a enterprise-class outdoor hardened wireless access point. The WAP-O2 provides a custom installer with a reliable outdoor solution that extends wireless signal coverage over outdoor real estate such as backyards, pool areas, or even a boat docked outside a residence. Imagine using a wireless touch panel to control pool equipment while actually in the pool! Another ideal deployment is to use the WAP-O2 to bridge wireless coverage between Pakedge's In-Ceiling model, the WAP-C2 and wall-mount model, the WAP-W2.

WAP-O2 power output is adjustable. It has one of the highest power ratings (200mW) on the market today. In addition, the WAP-O2 is networked and powered by a single Cat5e cable and is fully 802.3af compliant. The WAP-O2 housing is made of a rugged, heat finned diecast aluminum designed to endure almost any outdoor condition.



## 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.

Bridgeable with all of Pakedge's wireless access points including the WAP-C2 and WAP-W2 to extend the range to outdoor location such as pool areas or detached structures, i.e. pool houses.

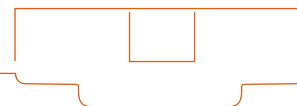
Supports latest security standards such as WPA, WEP, RADIUS, MAC Filtering, Layer 2 Isolation and SSID Hide.

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.

Outdoor hardened, heat finned, die-cast aluminum housing designed to endure almost any outdoor condition.

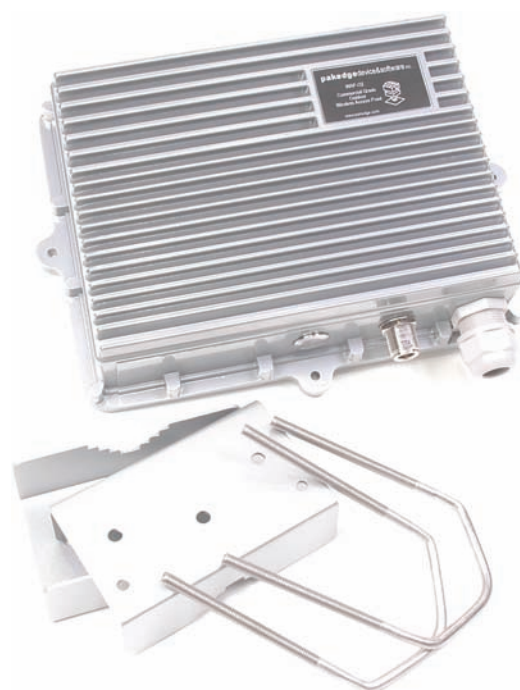
Available in two antenna configurations- 1) WAP-O2-Omni, a high gain omni-directional outdoor antenna and 2) WAP-O2-Panel, a high gain directional outdoor antenna.



## SPECIFICATION FOR WAP-O2

<b>STANDARDS</b>	IEEE 802.11b, 802.11g (2.4GHz ISM band)
<b>DATA RATES</b>	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)
<b>AUTOMATIC CHANNEL SELECTION</b>	Up to 13 channels selectable based on regulatory domain settings
<b>RF TRANSMIT POWER</b>	Up to 23dBm (200mW), adjustable in steps
<b>OPERATING MODE</b>	WDS supports AP, P2P, P2MP operating modes
<b>DIMENSION</b>	10.375" x 8.5" x 2.5" L x W x D
<b>WEIGHT</b>	Housing with Electronics Assembly- 4.2 lbs.
<b>HOUSING</b>	Die-casted, Heat Finned Aluminum Housing
<b>ENVIRONMENTAL CONDITIONS</b>	Optimal Operating temperature: 10 F to 130 F, Operating humidity: 10% to 95%, non-condensing
<b>POWER SUPPLY</b>	Power-over-Ethernet, IEEE 802.3af compliant, 100-240V 50-60 Hz input
<b>MANAGEMENT AND SECURITY</b>	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
<b>ANTENNAS</b>	N Type Female Connector with two antenna options 1) 8 dBi Omni Directional Antenna Kit- WAP-O2-Omni 2) 18 dBi Directional Panel Antenna Kit- WAP-O2-Panel

## WAP-O2

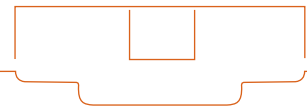


### PACKAGE CONTENTS

Outdoor Wireless Access Point  
WAP Pole Mounting Hardware  
N-Male to N-Male 400 Antenna Cable  
Antenna with Pole Mounting Hardware  
Quickstart Guide

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





## WAP-O2-OMNI KIT



pakedge device & software inc.

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Burlingame, CA 94010



Main- 877-274-6100  
Fax- 650-685-5520

sales@pakedge.com  
www.pakedge.com

### SPECIFICATIONS FOR OMNI KIT

<b>FREQUENCY</b>	2450 TO 2500 MHz
<b>MAX GAIN</b>	8 dBi
<b>CONNECTOR</b>	N FEMALE
<b>MAX INPUT POWER</b>	+< 50 W
<b>WAVE IMPEDANCE</b>	50 OHM
<b>DIMENSIONS</b>	15.4" HEIGHT
<b>WEIGHT</b>	13.1 Oz.

## WAP-O2-PANEL KIT



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.

### SPECIFICATIONS FOR PANEL KIT

<b>FREQUENCY</b>	2450 TO 2500 MHz
<b>MAX GAIN</b>	18 dBi
<b>CONNECTOR</b>	N FEMALE
<b>MAX INPUT POWER</b>	+< 50 W
<b>WAVE IMPEDANCE</b>	50 OHM
<b>DIMENSIONS</b>	10.3" X 10.3" X 1.97"
<b>WEIGHT</b>	3.3 LBS.