



BWAP600OB-AS2

802.11b/g High-Power Outdoor AP/CPE

The BWAP600OB-AS2 is designed for connecting wireless communications devices together from the wireless ISP network, which operates in the 2.4GHz band compliant with IEEE 802.11b/g Standard. BWAP600OB-AS2 supports a data transmission rate up to 54Mbps, with is best suited for Enterprises, or off-site location required LAN or Internet access without effort of networking wired cabling issue.

For high level deployment, BWAP600OB-AS2 also supports Power over Ethernet feature to create more wireless backbone networks without the environment limitation.

BWAP600OB-AS2 also integrated the 14dBi Panel Antenna which easy to use in Point to Point, Point to multi-Point or CPE applications. It also provides advance security enhancement with up to 128-bit WEP, WPA, WPA2, and MAC Filtering as well as management functions such as SNMP.

Features:

- ⌘ Support operation mode Access Point, Bridge, Multiple Bridge and Client Function.
- ⌘ Strong network security with WPA, WPA2 and 64/128 bit WEP encryption
- ⌘ Support Long-Range distance setting
- ⌘ Support ACL (Access Control List)
- ⌘ Support SNMP Management control
- ⌘ Adjustable Output Power Level
- ⌘ Support 12V Passive PoE
- ⌘ Support Industrial level temperature support from -40°C ~ 85°C
- ⌘ Support Bandwidth Control to limit customer downstream and upstream data transfer

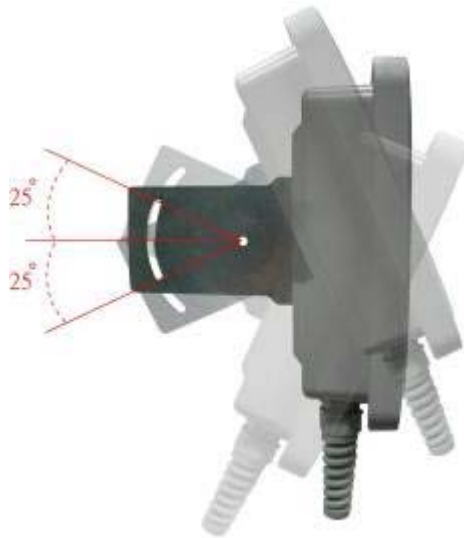
Radio Specifications

Frequency	802.11g 2412 - 2472 MHz 802.11b 2412 - 2484 MHz
Operating Channels	802.11b/g 11 Channels (USA) 13 Channels (Europe) 14 Channels (Japan)
Transmit Power	28dBm
Receiver Sensitivities	802.11g -92 dBm @ 6-24 Mbps -80 dBm @ 36 Mbps -76 dBm @ 48 Mbps -72 dBm @ 54 Mbps 802.11b -96 dBm @ 1 Mbps -95 dBm @ 2 Mbps -93 dBm @ 5.5 Mbps -92 dBm @ 11 Mbps
Network Interface	10/100 Ethernet auto negotiation, auto-MDI-X Full/half duplex
Security	WPA, WPA2 and 64/128 bit WEP encryption
Power Source	PoE 110V AC ~ 220V AC, output 12V DC
Environmental	Operating Temperature -40 to +85°C Humidity 95% @ 55°C
Antenna	Integrated 14dBi 2.4Ghz
Advanced Features	<ul style="list-style-type: none"> ⌘ 4 address Headers ⌘ RSSI ⌘ DHCP Server ⌘ Long-Range distance Parameter setting ⌘ SNMP ⌘ Bandwidth Control (Upload / Download)

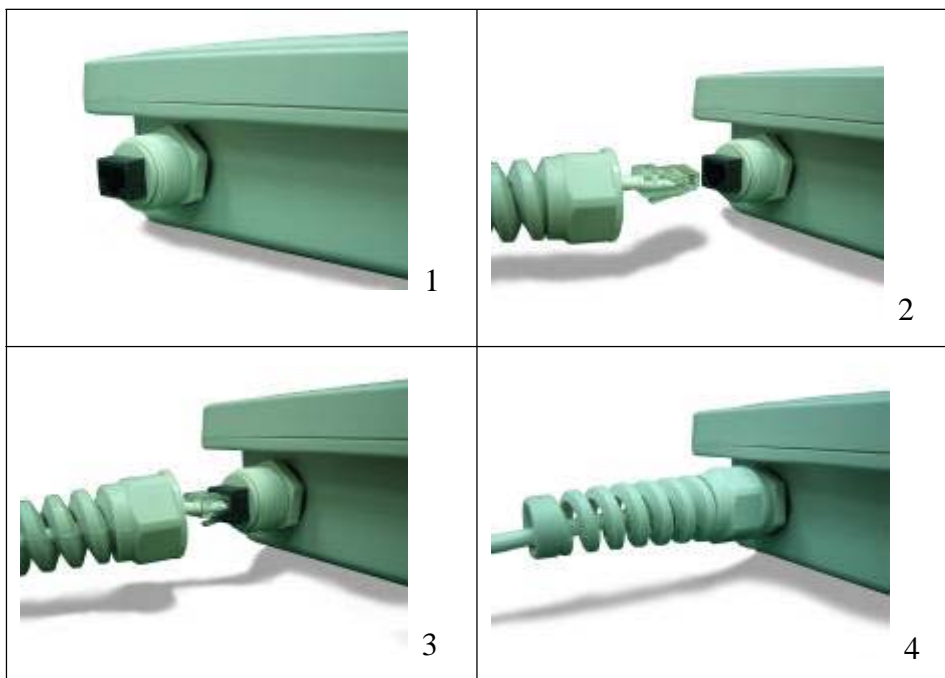
Hardware Specification

ENCLOSURE MATERIAL	Plastic (ABS+PC+UV)
DIMENSIONS	230 x 230 x 75 mm
ETHERNET INTERFACE	IP66 Water-Proof RJ45
RATINGS	IP66
INTEGRATED ANTENNA	14 dBi 2.4GHz “B/G Band” Directional
MOUNT	Pole Mount

Adjustable up/down 25° Pole mounting kits

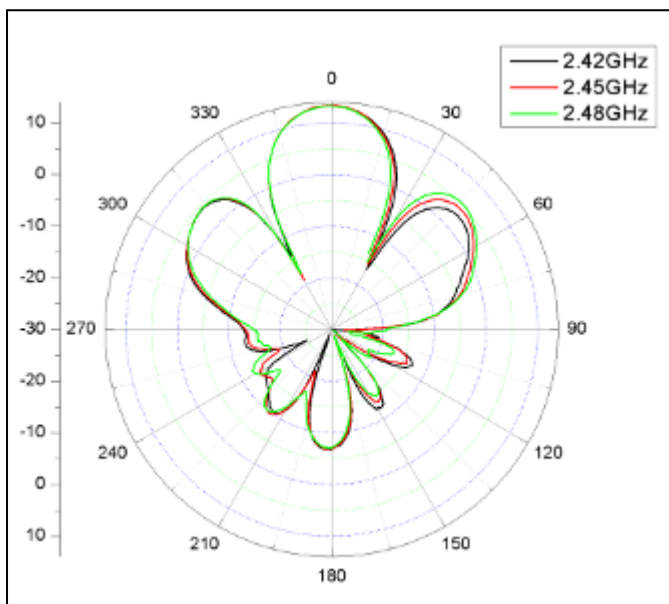


Easy 4 Steps to Install Waterproof RJ45 Cable



2.4 Ghz Antenna Specification

GAIN	14dBi
SWR	-20
RADIATION	Directional
IMPEDANCE	50 Ω
FREQUENCY RANGE	2.4GHz
POLARISATION	Vertical
HORIZONTAL BEAMWIDTH	35 Degree
VERTICAL BEAMWIDTH	35 Degree



E-Plane

H-Plane

