



BWAP600OB-AS5

802.11a 5.8GHz High-Power Outdoor AP/CPE

Sales Contact: Sales@sohware.com website: www.sohware.com

The BWAP600OB-AS5 is designed for connecting wireless communication devices together from the wireless ISP network, which operates in the 5.8GHz band compliant with IEEE 802.11a Standard. BWAP600OB-AS5 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-AS5 also supports Power over Ethernet feature to create more wireless backbone networks without the environment limitation. BWAP600OB-AS5 also integrated the 14dBi Panel Antenna which easy to use in Point to Point, Point to multi-Point or CPE applications. It also provides advanced 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 Bandwidth Control to limit customer downstream and upstream data transfer

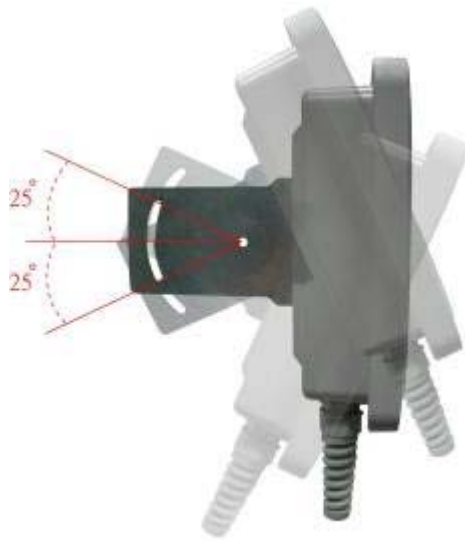
Radio Specifications

Frequency	802.11a 5150 - 5825 MHz
Operating Channels	5.15~5.25GHz (lower band) for US / Canada, Japan 5.25~5.35 GHz (middle band) for US / Canada 5.725~5.825 GHz (upper band) for US / Canada 5.50~5.70GHz for Europe
Transmit Power	25dBm
Receiver Sensitivities	802.11a -92 dBm @ 6-24 Mbps -80 dBm @ 36 Mbps -76 dBm @ 48 Mbps -72 dBm @ 54 Mbps
Network Interface	PoE 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 -20 to +70°C Humidity 95% @ 55°C
Antenna	Integrated 14dBi 5.8Ghz
Advanced Features	<ul style="list-style-type: none"> ⌘ 4 address Headers ⌘ RSSI ⌘ DHCP Server ⌘ Long-Range distance Parameter setting ⌘ SNMP ⌘ Bandwidth Control (Upload / Download)

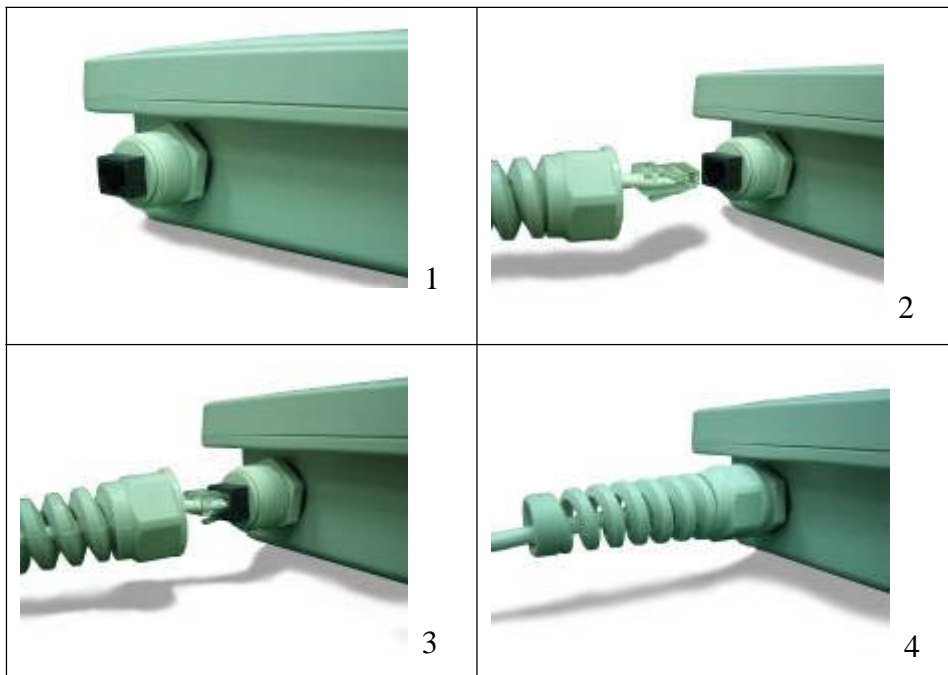
Hardware Specification

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 5.8GHz "A Band" Directional
MOUNT	Pole Mount

Adjustable up/down 25° Pole mounting kits

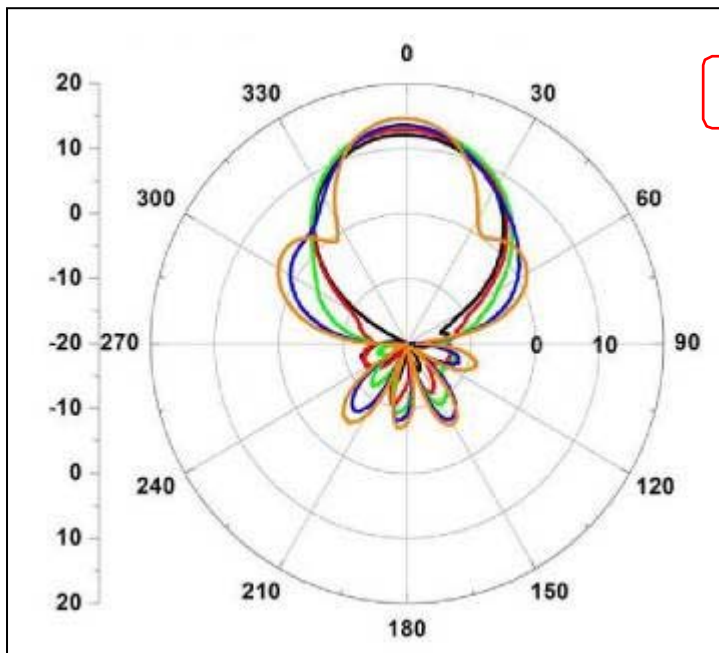


Easy 4 Steps to Install Waterproof RJ45 Cable



5.8 Ghz Antenna Specification

GAIN	14dBi
SWR	-20
RADIATION	Directional
IMPEDANCE	50 Ω
FREQUENCY RANGE	5.8GHz
POLARISATION	Vertical
HORIZONTAL BEAMWIDTH	35 Degree
VERTICAL BEAMWIDTH	35 Degree



E-Plane

H-Plane

