

OWL-300HAP

802.11b/g/n 300 Mbps Long-Range Wireless Outdoor PoE AP/CPE

The OWL-300HAP is an outdoor wireless access point/customer-premise equipment supporting IEEE802.11n and is backward compatible with IEEE802.11b/g/n.

The unit is a perfect choice for SOHO, SMB or enterprise applications. It supports 4 operation modes that include Router, Bridge, WISP and AP mode. With its built in DHCP,

WDS and a variety of other features that provide high flexibility in wireless deployment. The OWL-300HAP supports passive PoE with the included injector that allows for the flexible and easy installation of the unit where there is no accessible power source.

Key Features and Benefits

- IEEE802.11bgn support at 2.4GHz
Industry standard wireless support allowing cross-vendor compatibility on both 802.11n and backward compatibility to older 802.11b/g equipment.

- Multiple Operational Modes:

- Router Mode: Allows the unit to be set up as an Internet gateway/router to give wireless access to a ADSL or Cable modem connected through the WAN port. In this mode the WAN port supports PPPOE, DHCP Client, PPTP Client L2TP client or Static IP.

- WISP Mode: Wireless ISP mode allows the unit to connect to a wireless Internet Service Providers Access Point. This allows for the connection to the internet wirelessly through 802.11bgn. In this mode the WAN page can be set up to support PPPOE, DHCP Client, PPTP Client L2TP client or Static IP.

- AP Mode: Allows the unit to be configured to allow other wireless devices to access an existing wired network.

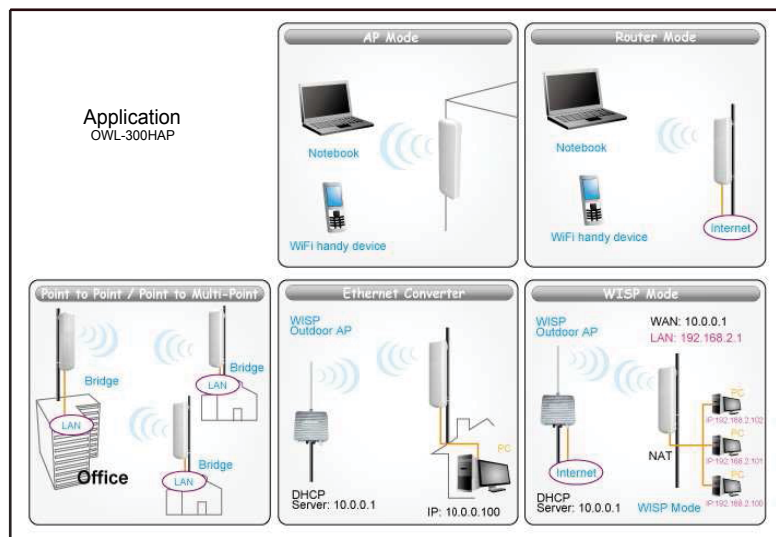
- Bridge: In this mode the unit would be configured as an extender and allow the wireless signal from one source to be rebroadcasted, extending the range of the wireless access.

- Passive PoE Support

With the PoE support power can be supplied through the included PoE adapter onto a RJ-45 cable to the unit. This allows power to be sent to the device when there is no easy power source for it to be connected to.

- DHCP Server and Client Support

The OWL-300HAP supports DHCP in both Client and Server modes. In server mode the unit can assign IP addresses to client devices connected to it. In Client mode the unit can have its IP address set by the networks DHCP server.



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Specifications

Networking

Connectivity Technology:	Wired, wireless
Standard:	IEEE 802.11b/g/n
PoE:	24V Passive PoE
Frequency Band:	2.412GHz ~ 2.484 GHz
Security:	WEP-Auto, WPA-PSK, WPA2-PSK, WPA-Auto-PSK, WPA, WPA2, WPA-Auto, 802.1X
Data Rate:	802.11b: 11,5.5,2 and 1 Mbps with auto-rate fall back 802.11g: 54,48,36,24,18,12,9&6Mbps 802.11n: (20MHz)?up to 144Mbps 802.11n: (40MHz)?up to 300Mbps
Sensitivity:	-95dBm @ 802.11b -90dBm @ 802.11g -91Bm @ 802.11n
Output Power:	802.11b: up to 29 ± 1.5 dBm 802.11g: up to 28 ± 1.5 dBm 802.11n: up to 25 ± 1.5 dBm
Operating Mode:	AP/Bridge/WISP/Router

Warranty and Support

Warranty: 1 Year
 Support: Free technical support (phone/email); Software support; Premium incident support.

Interface Provided

Wireless Mode:	Access Point / Client / Client Router/ Router / Point to Point
SSID:	2 Supported SSIDs
VLAN:	Can be assigned to all LAN, WAN and SSID
Management:	Web Interface
Antenna:	Internal 12 dB integrated patch antenna
Interface:	1x LAN RJ45, 1x WAN/LAN RJ45, 1x Reset Button
Power Requirement:	DC Jack: 12V DC PoE 12-18V DC Passive PoE
Mounting:	Pole

Environmental Parameters

Operating Temperature:	-30°C - 75°C
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Dimensions

Dimensions(WXDXH):	280 x 92 x 48mm
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