

OWL-300HAP

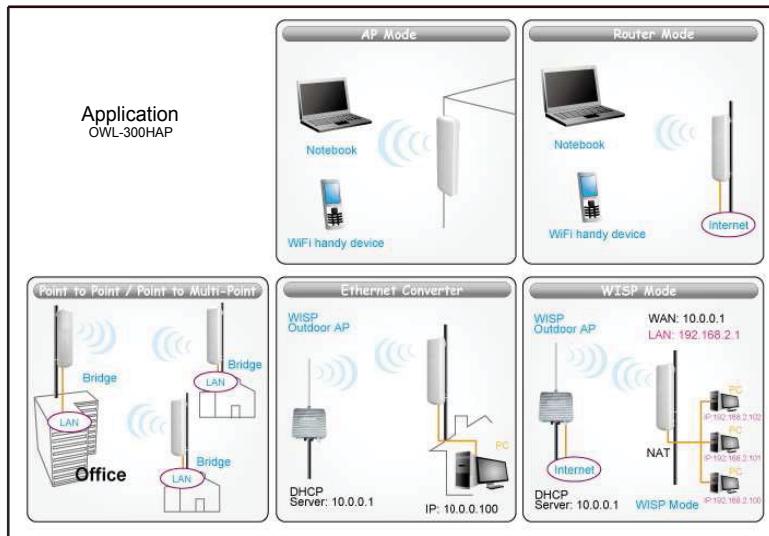
802.11b/g/n 300 Mbps Long-Range Wireless Outdoor PoE AP/CPE

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

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

Dimensions

- Dimensions(WXDXH): • 280 x 92 x 48mm

Warranty and Support

Warranty: 1 Year

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