



WH-1120CPE

Air Live

High Power Outdoor Solutions

- All-in-One Wireless CPE device
- Weather proof housing
- Integrated 12dBi patch antenna
- Multi-mode wireless Client, AP, Bridge, Repeater Functions
- Integrated Power over Ethernet
- Web Management and SNMP support
- 802.1x, WPA
- LED indicators and Mounting Kits



From the industrial leading supplier of wireless equipment to WISP (Wireless Internet Service Provider), OvisLink introduces WH-1120CPE all-in-one Wi-Fi CPE device. The ideal solution for WISP and other outdoor wireless applications.

Weather Proof Housing

The WL-1100CPE is an all-in-one device for outdoor wireless application that includes everything you need to make an outdoor wireless connection. The specially designed enclosure is made of weather proof ABS+PC material in the front and stainless steel panel in the back for easy heat dissipation. Water-proof Ethernet cables and connectors are included to ensure the unit is free from any water leakage. This combination creates a light weight, weather proof, compact, yet durable housing ready for prolong use in the harsh outdoor condition. The housing includes LED indicators to let you know the status of the AP. Furthermore, a swivel-and-tilt mounting Kit for Wall mount/Pole mount is included for simple installation.

Integrated Antenna, Multi-Function AP, and PoE

The WH-1120CPE has a built-in high performance 12dBi patch antenna on the front surface. It can deliver wireless signal at 5km or longer distance. The unit features OvisLink's legendary 802.11b wireless multi-function Access Point that can run in Client, AP, Bridge, or Repeater function. The AP is specially designed for long distance outdoor application with strong signal and heat proof materials for stable outdoor performance. It has been tested in tens of thousand of WISP deployment worldwide using OvisLink's AP engine. Best of all, the unit features a Power over Ethernet system that is specially designed for outdoor application. The combination. Special models with power booster are available for project request.

Extra Security

The WH-1120CPE features many functions not commonly found on other outdoor wireless client. The unit features WEP, 802.1x, Hide SSID, Access Control and WPA protocol for extra security. SNMP protocol including wireless MIB allow remote administrators to diagnose the unit remotely. In addition, DNS relay is available for WISP to implement dynamic way for IP assignment.

The WH-1120CPE is an complete product solution from a company that fully understand the need of the WISP environment.

FEATURES & SPECIFICATION

Features:

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- Weather proof housing
- Integrated 12dBi patch antenna
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Hardware:

Weather Proof housing with Aenna Port BS+PC
Integrated Patch Antenna
Water proof PoE connector and cable (20m ~ 30m)
POE power adapter and DC-injector
Integrated Multi-function Client/AP/WDS/Bridge
Swivel and Tilt mounting kit (Wall and Pole mount)
Power, WLAN indicator

Antenna :

12dBi Patch Antenna built-in

Frequency Range:

USA (FCC) 11 Channels: 2.412GHz~2.462GHz
Europe (ETSI) 13 Channels : 2.412GHz~2.472GHz
Japan (TELEC) 14 Channels : 2.412GHz~2.483GHz

Modulation Technique:

11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)

Data Rate:

11, 5.5, 2, 1 Mbps

Output Power:

18.5 dBm

Security:

64/128-bit
802.1x Radius Support

Configuration:

Web Management
SNMP Management
WDS (Bridge, Client, Repeater) mode

Hide ESSID

802.1x

MAC Access Control

MAC Access Table

SSID, Channel, RTS Threshold, Frag Threshold

Temperature:

Operating temperature: 0~60 degree

Storage temperature: -20~65 degree

Humidity:

Operating humidity (non-condensing): 20~80%

Storage humidity: 95% Max

Power Supply:

48v, PoE

Dimension:

180 x 160 x 50mm

Certifications:

FCC, CE

Ordering Information:

AirLive WH-1120CPE

802.11b Outdoor Wireless CPE



OvisLink

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