



150Mbps Wireless Outdoor PoE Access Point



WAB-6120

H/W Version: 1

Product Overview

The LevelOne WAB-6120 150Mbps Wireless Outdoor PoE Access Point is a high-performance last-mile broadband solution that provides reliable wireless network coverage. By the nature of complying with the IEEE 802.11n standard and featuring high power output the WAB-6120 supports higher bandwidth with longer range for outdoor application.

Flexible Deployment by PoE

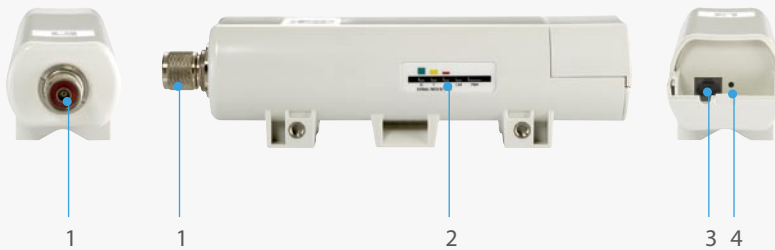
The WAB-6120 comes with Passive PoE compatibility which enables to be used in locations where socket availability is limited or nonexistent.

Easy Installation and Configuration

A web-based utility offers system administrators an easy method to upgrade the firmware and manage the device over the internet. Using SNMP, the WAB-6120 supports multiple access point configuration from one location. The LED indicator simplifies the Configuration and alignment process.

Enhanced Throughput

By compliant with the 802.11n standard the WAB-6120 provide much higher data rate then the 802.11g solution, it supports a 40Mbps data rate (throughput) up to 5Km distance controlled. Embedded 8dbi directional patch antenna with extensive wireless coverage and upgradable external N-type interface which as a scalable solution.



1. N Type Antenna Connector
2. LED Indicators
3. RJ-45 Port
4. Reset Button

Key Features

- Compliant with IEEE 802.11 b/g/n
- Supports 12V/1A Passive Power over Ethernet (PoE)
- IP55 waterproof housing endures almost any harsh environments
- Dual operating modes including AP and Wireless Client
- Supports 64/128-bit WEP and IEEE 802.1X, WPA, WPA2, WPA&WPA2, WPA-PSK, and WPA-PSK&WPA-PSK.
- Supports WMM and Quality of Service (QoS) for enhanced performance
- Advanced management tools like SNMP
- User-friendly Web and SNMP-based management interface
- Upgradable N-type connector for optional high-gain antenna which is switchable by SW

Works Well With



WAN-2181
2.4GHz 18dBi Directional Panel Antenna



OAN-2151
2.4GHz 15dBi Omni-directional Outdoor Antenna

Technical Specification

Standard Compliance

IEEE802.3u MDI / MDI-X 10/100 Fast Ethernet
IEEE802.11b/g/n

Power Consumption

900 mA

Radio

Antenna:

Default embedded 8dBi directional patch antenna (Vertical-Pol); reverse N-type Connector (Plug)

*Switchable by SW

Output Power * Band edge exclusive

(Controllable for different country regulations)

IEEE 802.11b:

27.5dBm @ 11Mbps

IEEE 802.11g:

27.5dBm @ 6Mbps

802.11g/n:

27.5dBm @ HT20

27.5dBm @ HT40

Sensitivity:

IEEE 802.11b:

-88dBm @ 11Mbps

IEEE 802.11g

-73dBm @ 6Mbps

IEEE 802.11n

-70dBm @ HT20

-67dBm @ HT40

Operating Frequency

IEEE 802.11b/g ISM Band; IEEE 802.11g/n 20MHz:

US, Canada: 2.412GHz ~ 2.462 GHz , EU: 2.412 GHz ~ 2.472 GHz

IEEE 802.11g/n 40MHz Band:

US, Canada : 2.422GHz ~ 2.452GHz, EU : 2.422GHz ~ 2.462GHz

Modulation:

IEEE 802.11b (DSSS): CCK, DQPSK, DBPSK

IEEE 802.11g/n (OFDM/DSSS): QAM-64, QAM-16, QPSK, BPSK

Software Specification

Operation Mode:

CPE, AP

Security:

WEP 64,128, 152-bit, WPA/WPA2, WPA-PSK/WPA2-PSK,

IEEE 802.1X Authentication

Management:

Telnet, FTP, SNMP, Password Changes, Firmware updates, Configuration Files

Advance Settings:

Radio on/off, WMM/Regatta Mode, Output Power Control, Fragmentation Length, Beacon Interval, RTS/CTS threshold, DTIM Interval

Concurrent Users:

Maximun 32 users

Physical Specification

Dimension

228mm(L)×64mm(W) ×61mm(H)

Weight

<500g

Enclosure

High Reliable IP55 Waterproof Enclosure

Environment Specification

Temperature (Ambient)

Operating: -20 ~ 70 °C

Storage: -30 ~ 80 °C

Humidity (non-condensing)

Operating: 10 ~ 95%

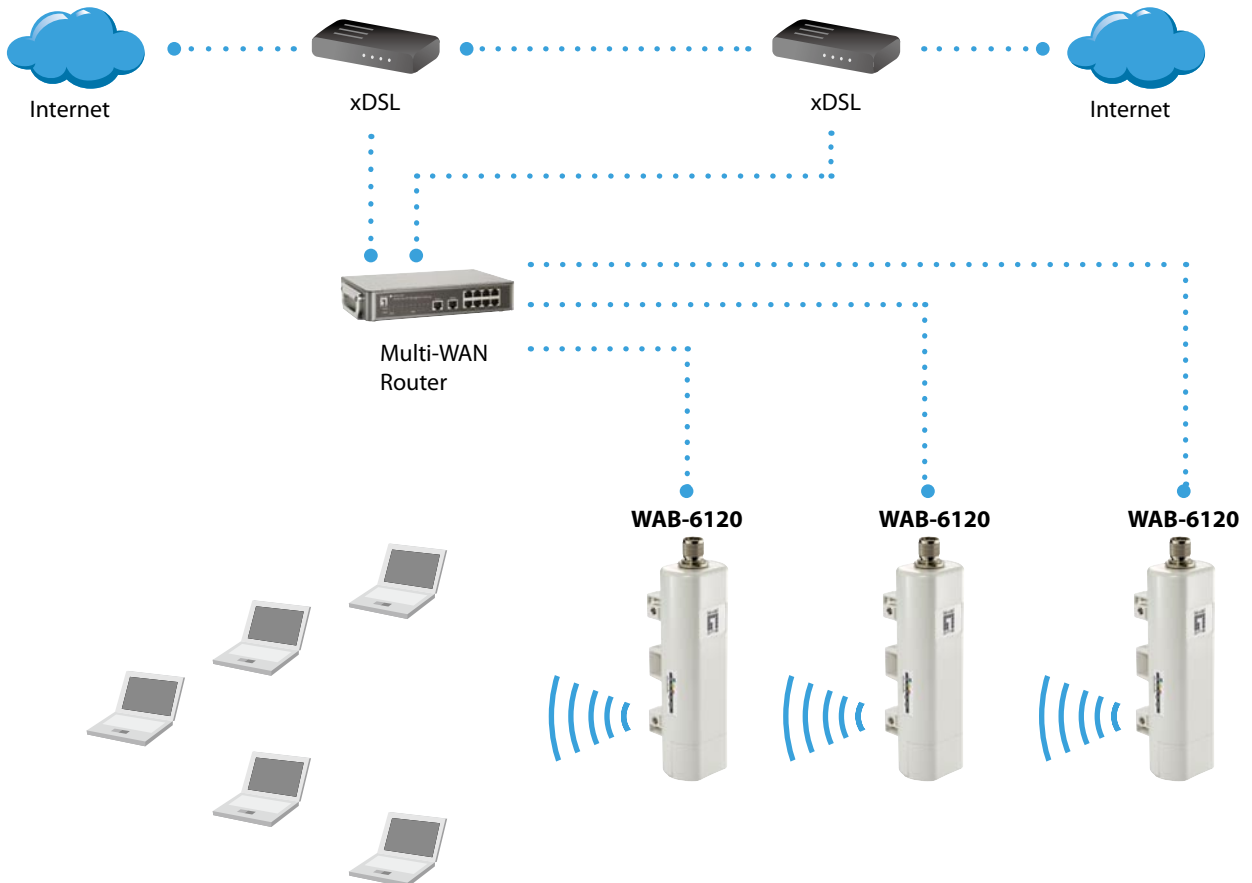
Storage: 0 ~ 95%

Product Diagram

WDS Mode



AP Mode



Order Information

WAB-6120: 150Mbps Wireless Outdoor PoE Access Point

Package Contents

WAB-6120, PoE Injector, CD Manual, QIG, Mounting Kit, Ethernet Cable

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