



WAB-6010 Version: 1

N300 Outdoor PoE Wireless Access Point, Controller Managed

The LevelOne WAB-6010 is a managed, outdoor single-band 802.11n wireless access point, capable of 300 Mbps wireless internet speeds. The device runs on 2.4 GHz frequency, and can be used as part of a managed network when controlled by the LevelOne WAC-2000/WAC-2003 Wireless LAN Controller. LevelOne WAB-6010 also offers PoE, removing the need for an external power supply, which makes it easy to install. Advanced weatherproof design, rated to IP65 means the WAP is designed for outdoor deployments, and can withstand rain, humidity, dust, snow and extremely hot conditions. A fast, versatile and secure access point for a wide variety of outdoor network requirements.

Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Multi-operation modes to suit different wireless applications
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Weatherproof IP65-rated housing
- Provides up to 4 SSIDs to separate network traffic and enhance security

Compatible With



WAC-2000

Gigabit Wireless LAN Controller



WAC-2003

Gigabit Wireless LAN Controller, Quad WAN

Specifications

System Specifications

Standards & Protocols:

IEEE 802.11b/g/n
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.11e Wi-Fi Multimedia (WMM)
IEEE 802.11i Wi-Fi Protected Access (WPA2)
IEEE 802.3at Power over Ethernet

**Connectors and Cabling:**

1*10/100/Mbps WAN port

1*10/100/Mbps LAN port

Button/Knob:

1* Reset Button

Power Input:

802.3at PoE 48V

DC 12V/1A

Wireless

Operating Mode:

Wireless AP

Gateway

WISP

WiFi Repeater

Encryption:

64/128-bit WEP

WPA-PSK/ WPA2-PSK encryption

Receive Sensitivity(dBm):

2.4GHz:

802.11n (MCS0): Range -90 dBm

802.11n (MCS15): Range (-68) dBm

802.11g 6Mbps: Range (-90) dBm

802.11g 54Mbps: Range (-72) dBm

802.11b 1Mbps: Range (-95) dBm

802.11b 11Mbps: Range (-90) dBm

Channel:

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU

EIRP(dBm):

2.4GHz:

11b 1Mbps: 26±2dBm

11g 54Mbps: 24±2dBm

11n HT20: 24±2dBm

11n HT40: 24±2dBm

Antenna:

2*5dBi Omni antenna

Frequency Band:

2.4 ~ 2.4835 GHz

Modulation:

OFDM = BPSK, QPSK, 16-QAM, 64-QAM; DSSS = DBPSK, DQPSK, CCK

Data Transfer Rate:

802.11n: 300 ~ 78 Mbps

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

Features

General:

Multi-SSID: 4 SSIDs

PoE:

IEEE 802.3at PoE

Security:

SSID Broadcast On/Off

Management:

Web-Based GUI Configuration and WLAN Controller (WAC-2000)

QoS:

802.11e WMM Supported

Ease of Use:

Web-based GUI with Quick Installation Wizard

Web-based (HTTP) firmware upgrade

Performance

Number of Clients:

Maximum:64

Recommend:50

Environment

Temperature (°C):

Operating: -40 ~ 55°C

Storage: -40°C ~ 70°C"

Humidity (Non-condensing):

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

Installation:

Weatherproof IP65-rated housing

Physical Specifications

Dimensions (W x D x H mm):

257*87* 38 mm

Weight (g):

400

Approval and Compliance

EMI/EMS:

CE

Order Information

WAB-6010

Package Contents

WAB-6010

Pole Mounting Hose Clamp (40-64mm)

RJ45 Network Cable

Resource CD (User Manual, QIG)

Quick Installation Guide

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