



# WAB-8010 AC900 5GHz Outdoor PoE Wireless Access Point

## Product Images



## Short Description

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- Provides wireless speeds of up to 867Mbps
- Compatible with IEEE 802.11ac Wave 2 wireless standards
- MU-MIMO technology greatly enhances WLAN performance for all clients
- Supports DIP switch configuration for AP mode and Repeater mode features.
- Transmission distance of up to 5km for 5GHz
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Weatherproof IP65-rated housing

## Description

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The LevelOne WAB-8010 outdoor single-band 802.11ac wireless access point, capable of 867 Mbps wireless internet speeds and distance of up to 5km. Supply 802.11ac Wave 2 MU-MIMO (Multi-User Multiple-Input Multiple-Output), allows multiple devices to get high- bandwidth Wi-Fi signal at the same time, distributing data more efficiently.

The device runs on 5 GHz frequency, 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 WAB-8010 is designed for outdoor deployments, and can withstand rain, humidity, dust and snow. A fast, versatile and secure access point for a wide variety of outdoor network requirements.

## Additional Information

Approval and compliance	CE, RoHS
Max. operating humidity (%)	90
Max. operating temperature (°C)	45
Max. storage humidity (%)	95
Max. storage temperature (°C)	75
Min. operating humidity (%)	10
Min. operating temperature (°C)	-30
Min. storage humidity (%)	5
Min. storage temperature (°C)	-40
Antenna	Build in 14dBi MIMO Panel Antenna
EIRP(dBm)	<20 dBm (Standard), <27.5 dBm (high power version by firmware upgraded)
Encryption	WEP, WPA, WPA2
Frequency band	4.920~5.920 GHz
Indicators	SYS、WAN、LAN、WI-FI signal strength(25%, 50%, 75%, 100%)
RAM size	128 MByte (DDR2)
Flash memory size	16 MByte
Mount	Pole mount
Operating modes	AP Mode, Repeater Mode
Power supply	PoE (IEEE 802.3af), DC12V/1.5A(Power supply is not included)
Processor	Qualcomm QCA9563+QCA9886+QCA8334
Standards	802.11ac/a/n, MU-MIMO technology
Wireless channels	Ch.36~165 by Country
General features	Multi-SSID: 4 SSIDs (5GHz x 4 SSIDs)
Product weight (kg)	0.44

Product breadth (mm)	87
Product depth (mm)	257
Product height (mm)	40
Color	White
EAN	4015867226889
Model number	WAB-8010
Package contents	WAB-8010, Pole Mounting Hose Clamp (40-64mm), RJ45 Network Cable, Quick Installation Guide, EU Declaration of Conformity
Gigabit RJ45	1 LAN Ports (10/100/1000Base-T)
802.3af/at PoE	1 WAN Port ( 10/100/1000Base-T )
Receiver sensitivity	802.11ac HT20 • MCS0: -89dBm • MCS7: -67 dBm • MCS9: -62dBm 802.11ac HT40 • MCS0: -86dBm • MCS7: -64dBm • MCS9: -59dBm 802.11ac HT80 • MCS0: -82dBm • MCS7: -60dBm • MCS9: -55dBm
Frequency band	5GHz
Wireless AP Type	Outdoor
PoE Supported	Yes

