DATASHEET

Gigabit WLAN controller for up to 128 APs









General data

Centralized management for up to 128 APs
Client isolation ensures reliable separation of WiFi clients
Supports client, gateway and router modes
Bandwidth distribution between different APs
Integrated, robust firewall to protect your network against intruders to protect
Supports auto-roaming for WiFi networks

The LevelOne WAC-2010 is a gigabit WLAN controller designed for use in small to medium-sized networks in SMEs, guesthouses, hotels and apartments. Centralized management of up to 128 APs provides complete wireless security and service solutions for any small and medium-sized wireless network.

The WAC-2010 integrates a variety of functions that allow the administrator to easily set up the AP configuration. Including tag-based VLAN settings, AP firmware updates, as well as monitoring the number and status of connected APs and users.

The WAC-2010 Controller is also an Internet gateway with a robust firewall to protect against intruders, 1 WAN and 4 LAN ports at gigabit speeds enable fast and reliable distribution of data in the network.

The LevelOne WAC-2010 also supports real-time control of signal strength and interference information. With the results, the WAC-2010 automatically regulates the network utilization, output power, RF coverage and channel distribution of the APs to optimize radio coverage, end device roaming and throughput.

General
Color: Black

characteristics
- Support AP Management, up to 80 clients and 128 AP's
- Support AP Disable, Restart and Reset

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● Support AP Configuration Models Auto-loading
● Support AP Layer 2 roaming
● Auto-cross-IP detection and Distribution to avoid AP's IP conflict in the whole networking
● Support smart QoS and firewall functions under gateway operation mode to protect the whole networking safty

Other
Approvals and Compliance
● CE
● FCC Part 15, Subpart B
● RoHS
Operating humidity 10% RH ~ 90% RH
Operating temperature -20°C ~ 55°C
Storage humidity 5% RH ~ 95% RH
Storage temperature -40°C ~ 70°C

Scope of delivery
● WAC-2010
● Power cord
● 19" Rack Mount Kit
●Rubber Feet
● Quick Installation Guide
● Declaration of Conformity

Physical specifications
Dimensions (W x D x H) 294 x 189 x 44 mm
Product weight (kg) 1.4

System specifications
Flash memory size 16 MB
indicator
● POWER
● RUN
● LINK/ACT
Power supply 100-240 VAC, 50-60 Hz
RAM size 256 MB
Standards
● IEEE 802.3 10-BASE-T (Ethernet)
● IEEE 802.3u 100-BASE-TX (Fast Ethernet)
● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)

Technical properties	
Built-in	True
Managed	True

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Available variants		
ArtNr.	**Bezeichnung**	**Unique**
WAC-2010	Gigabit WLAN controller for up to 128 APs	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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