Datasheet

ACS-WLAP5G | 5G WiFi Wireless access point



Key features

- Connectivity: Integrates with the Wi-Fi conference processor ACS-WLCCU or with a switch to extend the system with additional conference APs.
- Coverage Range: Typically covers up to 30 meters.
- Capacity: Each AP can support up to 50 conference units.
- Installation Options: Can be mounted on ceilings, and walls, or installed using a stand rack mount.
- Security Features: Employs 128-bit AES encryption, WPA2 secure connection, MAC address filtering, and SSID hiding to safeguard against eavesdropping and unauthorized access.

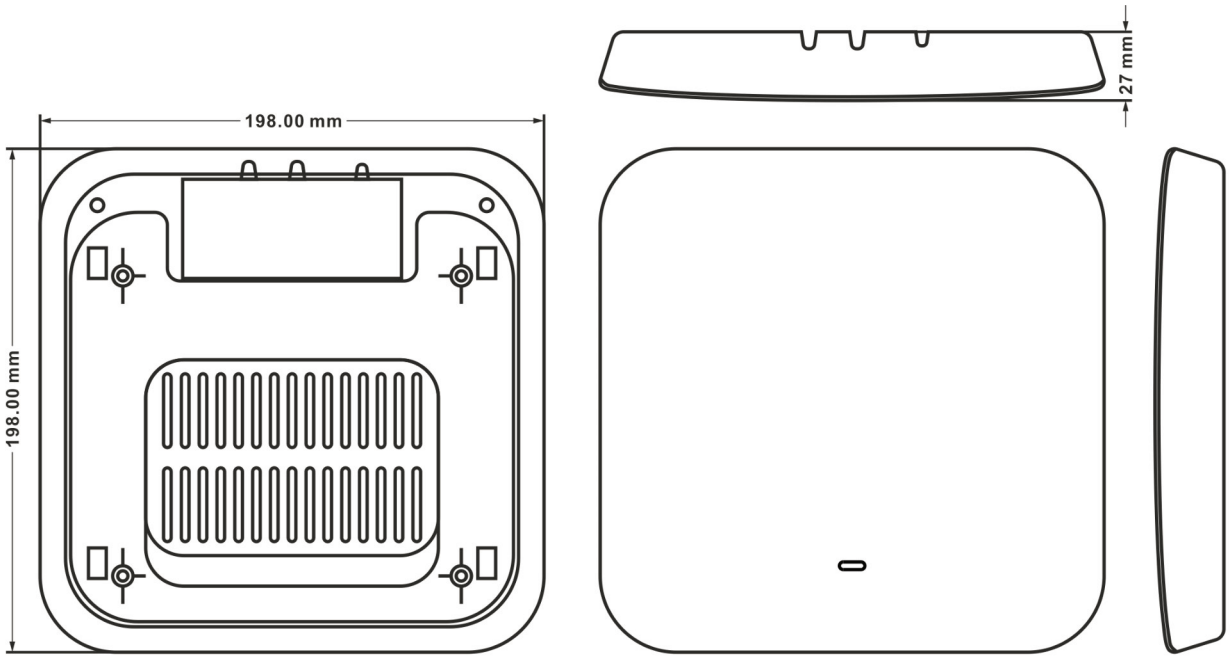
Product Overview

Macsys ACS-WLAP5G is a dedicated 5G WiFi Wireless access point designed for wireless conference systems, providing stable dual-band 5 GHz communication between the controller and conference units within the same room. It supports typical coverage up to 30 m and connects up to 50 conference units per access point for scalable deployments. The unit offers robust security with WPA2-PSK AES, SSID hiding, and MAC address filtering, and features 128-bit AES digital encryption to prevent unauthorized access. Flexible installation options include ceiling, wall, or stand rack mount, with PoE (802.3at) and 12 V DC power choices to simplify cabling. The device includes LED indicators for power, network audio, and wireless status, and provides a web interface for channel, SSID, and password configuration with default access at 192.168.2.1. Integration is via Gigabit WAN/PoE and LAN ports, supporting DHCP or manual IP addressing and cable runs up to 100 m on Cat5e or better.

Techinical Specification

Featues	Detail
Item Name	5G WiFi Wireless access point
Wireless standards	IEEE802.11ac, IEEE802.11a, IEEE802.11g, IEEE802.11b
Operating bands	5GHz UNII; 5.2-5.8 GHZ
Max TX power	27dBm
Antennas	Four built-in 5dBi antennas
Security methods	WPA2-PSK AES; 128 bits AES digital encryption; MAC address filtering; SSID-hiding
Typical coverage	30m
Unit capacity	Each AP can connect up to 50 conference units
Power options	Power Over Ethernet, 802.3at, DC 12V 1.5A
Power consumption	≤13W
Network ports	1×Gigabit WAN/POE Port, 1×Gigabit LAN Port
Link rate	1200Mbps
Addressing	DHCP or Manual IP address
Cable length	100m (max)
Cable type	≥Cat5e (shielded / unshielded)
Connector	1× RJ45
Port LEDs	WAN/POE Port (UP LED), LAN Port (Down LED)
Status LEDs	Power, Network Audio, Wireless (Yellow / Blue)
Reset control	Push button for Factory Reset
Mounting options	Ceiling, Wall or Stand Rack
Dimensions	220L×220W×45H(mm)
Color	White
Weight	0.3KG
WLAN channel mgmt	Channel selection via web; channels 36–64 or 149–165 usable
Certifications	CE, RoHS compliance

Dimension



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