

TAVAN TIPI ACCESS POINT ÇÖZÜMLERİ



CAP5-1300



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11AC1300M Wireless Dual Band Ceiling Mount Access Point

Products Description

The IEEE 802.11ac Wave 2-compliant CAP5-1300 is a gigabit dual-band ceiling access point. It offers a concurrent data rate as high as of 1267 Mbps. Powered by MU-MIMO technology, a single CAP5-1300 can simultaneously communicate with multiple clients, greatly improving the throughput and bettering user experience. The built-in omni-directional antennas optimize signal radiating directions, broadening the wireless coverage of a single AP. CAP5-1300 can be powered by PoE sourcing equipment that compliant with IEEE 802.3at. With its ceiling installation design and sleek appearance, it simplifies wireless networking for enterprises, hotels and other public indoor spaces.

Main Features

■ Superior performance

The CAP5-1300 features a professional network processor based on a multi-core architecture with high throughput and high load capability. 5GHz band using a new generation of WiFi wireless standard 802.11ac protocol, the maximum access rate of 1267Mbps machine, excellent performance to meet the needs of users of high-speed Gigabit.

■ IEEE 802.11ac Wave 2 and MU-MIMO

Compliant with IEEE 802.11ac Wave 2 and powered by MU-MIMO technology, a single CAP5-1300 can communicate with multiple wireless clients simultaneously, leading to higher throughput.

■ Intelligent authentication management

The CAP5-1300 cooperates with the TG wireless controller to support different authentication schemes based on SSID. The authentication methods include: authentication-free, one-key authentication, WeChat authentication, SMS authentication, key authentication, built-in account authentication, Radius authentication, and external server authentication. A wealth of authentication strategies to meet the needs of a variety of user authentication.

■ Intelligent seamless roaming and load balancing

Wireless user association CAP5-1300, in the wireless signal coverage within the mobile, you can ensure seamless roaming in the two-tier network, and the user in the process of roaming network business is not interrupted. At the same time CAP5-1300 support based on the number of users and frequency-based load balancing, when the TG wireless controller found that the AP load exceeds the threshold, if a new user access, TG wireless controller automatically calculated according to the current wireless network environment, the user then into the lighter load AP

■ Link aware, intelligent switching

CAP5-1300 support Fat / Fit two modes of operation, according to the current network conditions for intelligent switching. Which can achieve the traditional "Fit AP + AC" centralized network architecture, when the TG wireless controller failure occurs, CAP5-1300 also through the TG private protocol, rapid perception of abnormal, intelligent switch to Fat mode, to continue the data forwarding.

■ Local forwarding

CAP5-1300 combined with TG wireless controller, can open the local forwarding mode, greatly reducing the wireless controller forwarding traffic, ease the flow pressure, abnormal controller in the case of wireless controller does not affect the normal communication of wireless networks.

■ plug and play

CAP5-1300 work in Fit mode, in the field installation and post-maintenance, AP no need to reconfigure, TG wireless controller quickly find access to the new AP, AP start within 3 seconds to complete the template configuration, convenient and quick. TG wireless controller can be a key release configuration, AP batch synchronization configuration, greatly reducing the installation, operation and maintenance costs.

■ Intelligent RF management

The CAP5-1300 provides automatic power and channel adjustment. Through the exclusive RF detection and RF management algorithm to optimize the RF coverage effect. When the AP signal is subject to external strong signal interference, through the control AP automatically switch to the appropriate working channel to avoid interference signals, reduce the interference with the adjacent.

Product Specifications

Product Information	
Product Model	CAP5-1300
Hardware specifications	
Fixed port	2*10/100/1000 Base-TX port
Maximum Data Rate	1267Mbps
Max Rf Transmit Power	23dBm
Internal Antennas	Built-in 4 intelligent omnidirectional antenna (gain 3dBi)
Operating frequency band	802.11b/g/n: 2.4 GHz to 2.483 GHz (China) 802.11ac/a/n: 5.15GHz~5.35GHz,5.725 GHz to 5.850 GHz (China)
Power Consumption	<18W
Dimensions	200mm×200mm×45mm
PoE	802.3af/802.3at power supply supported
Local power supply	12V/1.5A
Buttons	1*RESET
Operating/storage temperature	-10°C~50°C/-35°C~70°C
Operating humidity	5%~95%(non-condensing)
Ingress Protection Rating	IP31
MTBF	>8000H
Software specifications	
System Status	Support AP model, the name of information display, AP run time display, IP, MAC information display, SSID, encryption, security mode display, working mode display
LAN port settings	Support LAN port IP automatic acquisition and manual configuration
VLANs	802.1Q, 4094 VLAN IDs (1 to 4094) and SSID-based VLAN assignment
Blacklist and whitelist	Static whitelist and blacklist are supported
RF control	Support radio frequency to turn on or off
Wireless Mode	11b, 11g, 11b/g, 11b/g/n, 11n, 11a, 11a/n, 11ac
BSSIDs	16

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Broadcast Storm Suppression	Supported
SSID Hiding	Supported
User Isolation	Supported
Automatic channel control	Supported
Automatic power adjustment	Supported
Clients Limit	Connected user number limitation for every SSID
Bandwidth restriction	STA- or SSID-based rate limiting is supported from AP Controller
Wireless Security	64/128 WPA-PSK,WPA2-PSK,WPA,WPA2
Authentication mode	authentication-free, one-key authentication, WeChat authentication, SMS authentication, key authentication, built-in account authentication, Radius authentication, and external server authentication.
Forwarding mode	Local forwarding and centralized forwarding
Fat/Fit Mode	Supported
Advanced Settings	Beacon Interval, RTS Threshold, Data Beacon Rate (DTIM),Long/Short Preamble, Short Gi, A-MPDU,A-MSDU,WMM
management	Telnet, HTTP, AP Controller
Access Control	Connect limitation based on mac address
Client Association Status	Supported
Username Management	Supported from Web UI or AP Controller
Firmware Upgrade	Supported from Web UI or AP Controller
Backup & Restore	Supported
Reset/Reboot Device	Supported from Web UI or AP Controller
System Log	Supported
Reboot Schedule	Supported

Order Information

Product Information	Detailed information
CAP5-1300	2.4G&5G 11ac dual-band 1300Mbps, 1 x uplink WAN interface +1 x downlink LAN interface 1000M Port, WAVE2, Power supply:DC-48V/0.32A or POE-IEEE802.3at.



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www.gelecekb.com

0212 3204030

bayi@gelecekb.com