

300Mbps Wall Mount Wireless Access Point

Model: GNT-AP520



Description

It is an in wall AP with Qualcomm chipset, 300Mbps data rate, designed for hotel mainly to provide guests and roomers secure Internet access in their hotel room, guest room, living room and lobby.

It support 802.3af PoE, compliant with any 802.3af Power over Ethernet equipment, easy in setting and complete the full Wi-Fi coverage.

Managed by WLAN controller, it is easy to configure the data in central or remotely; Then can work with cloud server for portal authentication and advertisement function.

Main Features:

1. In wall panel design

Match with the cassette with size of 86mm or 75mm, easy to complete the Wi-Fi cover and match with design style

2. Wireless N and 300Mbps speed:

Compliant with IEEE 802.11b/g/n standard, 300Mbps in data rate, more faster in download,

more freely in internet surf.

3. Power over Ethernet:

Support 802.3af PoE, can be powered by any any 802.3af Power over Ethernet equipment, cost savely

4. Muti SSID and LAN port tag VLAN

GNT-AP520 support 4 SSID, each SSID can be tagged to a specified network VLAN for different user access based on established access rights, internet safety.

5. Centralized Management and portal authentication

Support WLAN controller for centralized management, which make the IT staff can sets up different IP addresses, ESSID and manages each room's AP at the same time. They can remotely add, set up, monitor, delete, upgrade firmware via the WLAN controller through computer.

Besides that, it work with cloud server for remote management, then with function of accounting, facebook/google authentication, SMS verify...

Specifications

Wireless	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Data Rate	11n: 300Mbps 11g: 54Mbps 11b: 11Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	11n @MCS7:14±2DB, @MCS0:16±2DB. 11g @54M:15±2DB, @6M:17±2DB. 11b @11M:18±2DB, @1M:20±2DB.
Modulation Type	OFDM = BPSK,QPSK,16-QAM,64-QAM;DSSS = DBPSK,DQPSK,CCK
Receive Sensitivity	11n: -70dbm@MCS7, -88dbm@MCS0. 11g: -72dbm@54Mbps, -88dbm@6Mbps. 11b: -85dbm@11Mbps, -94dbm@1Mbps.
EVM	802.11n: ≤-28 DB 802.11g: ≤-25 DB 802.11b: ≤-10 DB
PPM	±20ppm
MAX Users	64
Operation Mode	Gateway, AP, Repeater
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000,Mac OS®, Linux or Android OS

Hardware	
Chipset	Atheros QCA9531
Flash	16M
SDRAM	64M
Interfaces	2 x 10/100Mbps LAN/WAN Port
Button	Reset Button
Antenna	MIMO 3dBi Build-in omni-directional Antenna
Power Supply	802.3af PoE
Dimensions(W x D x H)	86*86*68mm
Others	
Operating Temperature	-20°C~55°C
Storage Temperature	-40°C~70°C
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	RoHS
Package Contents	1 x in wall AP 1 x Quick Installation Guide 1 x setting accessory

Working Diagram

