



Product Description

GZ-AP740 is an MU-MIMO 11ac Wi-Fi standard Qualcomm Chipset high power industrial Ceiling Wireless Access Point support Wave2.0.

Combined 1300Mbps Wi-Fi speed over 2 radios: 2.4GHz(400Mbps)+5GHz(900Mbps)), equipped Gigabit WAN & LAN port, fast Ethernet data rate make more than 100 end users can access into XD5200 with Gigabit Ethernet, make them to enjoy seamless HD movies, streaming, online gaming, wireless security and other bandwidth-intensive tasks, widely be used in school, hospital, hotel, office, shipping mall...

High Power for more range and stable signal

Designed in Power Amplifier on PCB board, the power can be 300mW high power, 3dBi MIMO high gain antenna, together with Ceiling mount, greatly increase the wireless range and supply the stable Wi-Fi signal for users.

Metal Case, perfect heat dissipation to extend the working life

The bottom shell with metal shell, improved the heat dissipation function, make it work as normal in -30° C to 70° C, extend the device working life.

MU-MIMO, Wave2.0 Technology

With Wave 2.0 Technology, it adopt 256QAM modulation, support MU-MIMO (Multi-User Multiple-Input Multiple-Output), 8 Spatial Steams, greatly to improved the communication efficiency.

Power over Ethernet and DC Power available

GZ-AP740 has integrated IEEE802.3at Power over Ethernet (PoE), for easy installation and lower cost. What's more, it support DC input if need, So it can be installed in areas where power outlets are not readily

available, eliminating the mess of altering existing network infrastructure

Access Controller System & Cloud Management System

With Access Control System, plug and play, zero configure the AP's IP address, ESSID, Channel, Password, upgrade firmware, backup and restore...

What's more, the AC controller with local authentication function, easy to do advertisement and captive portal authentication like Member/WeChat/SMS login.

Besides that, administrator can remote manage through AC controller or cloud server at any place/time, simple and cost save in maintenance.

Features

- ❖ Comply with IEEE 802.11ac/b/g/n, dual band, 1300Mbps Data Rate
- ❖ 1*10/100/1000Mbps WAN Port, 1*10/100/1000Mbps LAN Port, faster Ethernet.
- ❖ 300mW high power, build in 3dBi MIMO antenna, stronger signal strength, more wireless coverage, 32M Flash, 512M DDR3 RAM, more user, more stable
- ❖ Support active IEEE 802.3at 48V PoE standard
- ❖ Support SSID broadcasting, Multi SSID up to 12 (4 SSID in 2.4GHz, 8 SSID in 5GHz)
- ❖ Support Gateway (PPPOE, static IP, dynamic IP) , Wireless AP, Repeater, WISP operation mode
- ❖ With function of build in firewall, IP filter, URL filter and MAC filter
- ❖ Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment
- ❖ Support DDNS, VPN pass through, Port forwarding and DMZ host
- ❖ Support 64/128-bit WEP security, EAP, 128bit WPA (TKIP/AES) security

Product Spec.

| Hardware: | |
|-------------------|---|
| Chipset | Qualcomm IPQ4019+QCA8075 |
| Standard | 802.11ac/b/g/n, MIMO technology |
| Memory | 512MB DDR3 RAM |
| Flash | 32MB |
| Interface | 1 * 10/100 /1000Mbps RJ45 WAN Port |
| | 1 * 10/100 / 1000Mbps RJ45 LAN Port |
| | 1 * Reset button, press 10 seconds to revert to default setting |
| Antenna | Build in 3dBi MIMO Antenna |
| Power consumption | 48V PoE<30W |
| Size | 198mm X 32mm |

11ac 1300Mbps Wave2 Ceiling Wireless AP(GZ-AP740)



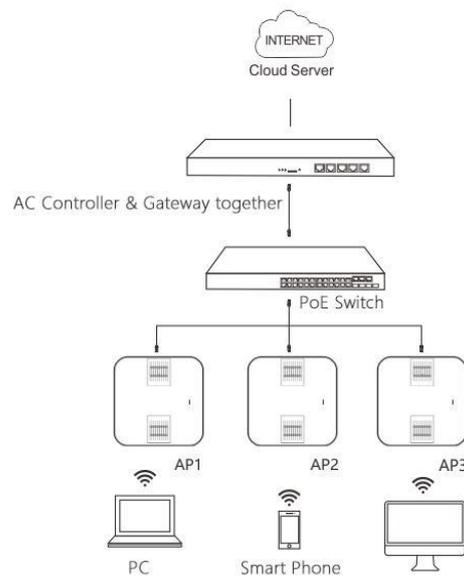
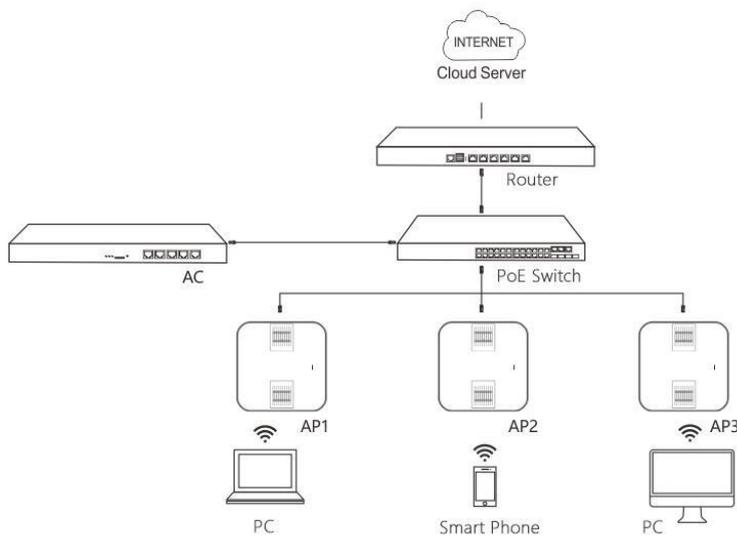
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|-----------------------------|--|------|---------|------|---------|
| RF Data | | | | | |
| Frequency | 2.4G:802.11b/g/n: 2.4GHz - 2.484GHz | | | | |
| | 5GHz:802.11a/n/ac MIMO: 5.150GHz~5.850GHz | | | | |
| Country code | FCC,IC,ETSI,MKK,MKK1,MKK2,MKK3,NCC,RUSSIAN,CN | | | | |
| Modulation | OFDM = BPSK,QPSK, 16-QAM, 64-QAM, 128-QAM, 256-QAM | | | | |
| | DSSS = DBPSK, DQPSK, CCK | | | | |
| Throughput | 1300Mbps | | | | |
| 2.4G RF Power (IPQ4019) | 802.11b | 11M | 23±2dBm | 1M | 25±2dBm |
| | 802.11g | 54M | 22±2dBm | 6M | 24±2dBm |
| | 802.11n HT20 | MCS7 | 21±2dBm | MCS0 | 23±2dBm |
| | 802.11n HT40 | MCS7 | 21±2dBm | MCS0 | 23±2dBm |
| 5G RF Power (IPQ4019) | 802.11a | 54M | 19±2dBm | 6M | 21±2dBm |
| | 802.11n HT20 | MCS7 | 18±2dBm | MCS0 | 20±2dBm |
| | 802.11n HT40 | MCS7 | 18±2dBm | MCS0 | 20±2dBm |
| 2.4G Receive Sensitivity | 802.11b | 11M | -85dBm | 1M | -94dBm |
| | 802.11g | 54M | -72dBm | 6M | -90dBm |
| | 802.11n HT20 | MCS7 | -70dBm | MCS0 | -88dBm |
| | 802.11n HT40 | MCS7 | -68dBm | MCS0 | -86dBm |
| 5G Receive Sensitivity | 802.11a | 54M | -72dBm | 6M | -90dBm |
| | 802.11n HT20 | MCS7 | -70dBm | MCS0 | -88dBm |
| | 802.11n HT40 | MCS7 | -68dBm | MCS0 | -86dBm |
| | 802.11ac HT80 | MCS9 | -58dBm | MCS0 | -85dBm |
| EVM | 2.4G EVM: 802.11b: ≤-10 dB; 802.11g: ≤-25 dB; 802.11n: ≤-28dB 5G EVM: 802.11a: ≤-25 dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB | | | | |
| PPM | ±20ppm | | | | |
| Max Users | 128 | | | | |
| Firmware Features: | | | | | |
| Operation mode | Wireless AP, Gateway, WISP, Wi-Fi Repeater | | | | |
| WAN Type | Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access) | | | | |
| Wireless Security | 64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption | | | | |
| SSID | Multiple SSID (4 SSID for 2.4G, 8 SSID for 5.8G) | | | | |
| Firewall | DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding | | | | |
| Protocols | IPv4 | | | | |
| Others: | | | | | |
| Package Contents | 1300Mbps Dual Band wireless access point Ethernet Cable Quick Installation Guide | | | | |

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| | |
|---------------------|---|
| | Setting Accessory |
| System Requirements | Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, MAC OS, NetWare, UNIX or Linux |
| Environment | Operating Temperature: -20~55 °C Limit working temperature: -30~70 °C Storage Temperature: -40~70 °C Humidity: 5%~95% non-condensing |
| Management | Firmware GUI , Remote Management, WLAN Controller, Cloud Management System |

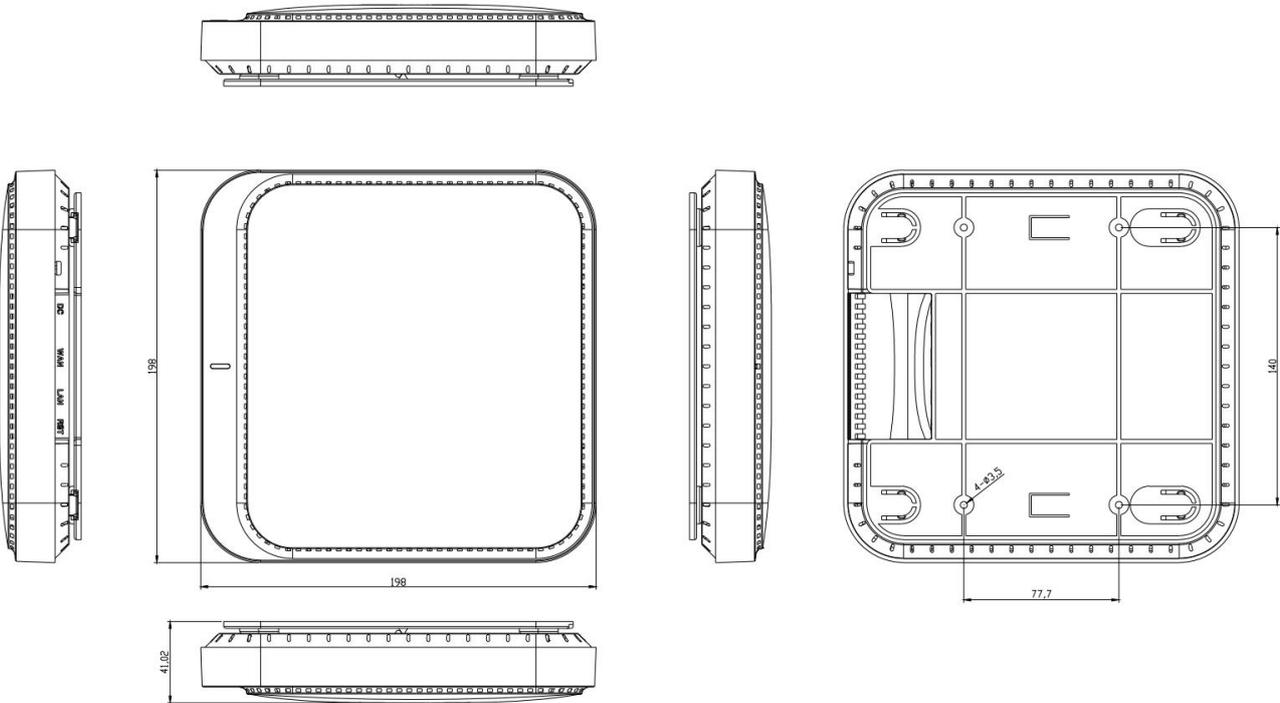
Working Diagram



Application



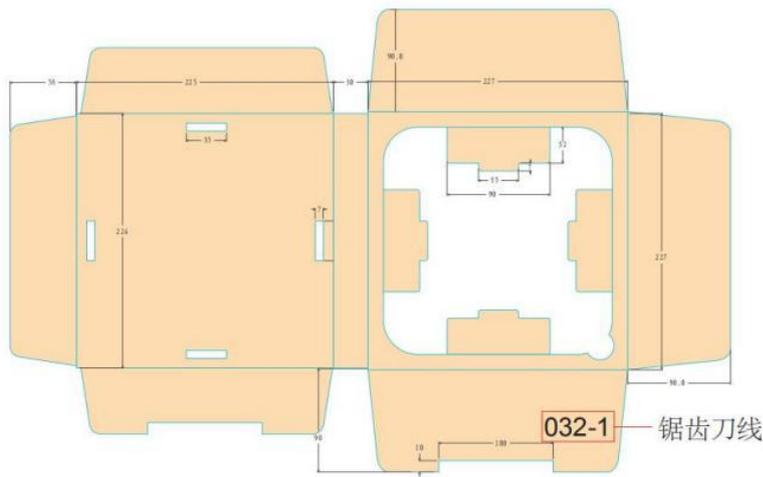
Product Picture



Accessory

| | |
|----------------------|---|
| AP | 1 |
| Lan cable | 1 |
| Mounting Accessories | 1 |
| Gift Box | 1 |

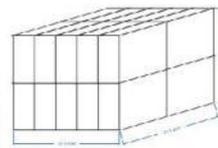
Packing Box



Carton box

规格：51.5x50.5x49.5CM

材料：外箱 K=K 加强芯 面纸:180g；坑纸:120g；中格纸:70g；底纸:160g



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