



July 2, 2018
APH50c/51c,
Amigo Standard AC1300 Indoor Access Point
802.11ac Wave2 (Wi-Fi 5)

The Amigo standard indoor access points, APH50c and APH51c, are designed for general indoor purpose, such as hotels, office meeting rooms, shopping malls, dormitories, resorts, or houses. With the extended WiFi coverage, the end users can access WiFi anywhere without the bondage of a wired cable. This standard indoor access point offers performance and enterprise-grade security.

APH50c is designed by the internal PIFA antenna and APH51c is the external RSMA antenna. Both APH50c and APH51c are 2x2 dual bands 802.11a/b/g/n/ac wave2 wireless access points. The maximum 1300Mbps aggregate dual-band frame rate with concurrent 2.4GHz and 5GHz radios can be delivered. The two optional functions, Bluetooth Low Energy (BLE) and TPM, are included. BLE scanning and Beacons can be integrated for the flexibility required by the most commercial business applications. TPM can support the secure storage requirement. There are two gigabit Ethernet ports. 802.3af compliant power over Ethernet is supported by one of the ports. Both APH50c and APH51c have passed FCC and CE certification also.

APH50c/APH51c series are based on quad-core Qualcomm SoC IPQ4018. It comes with exceptional processing power can support your own embedded application software running together with the wireless and network features. The operation temperature is between 0 to 45 °C. The flexible deployment options allow the APs to be deployed on the ceiling or on the wall.

Amigo standard indoor access points, APH50c and APH51c, have been released on July 02 2018. It is ready for production and samples are available upon request.

Key Features

- AC1300: 400Mbps (2.4GHz) + 867Mbps (5GHz)
- Chipset: Qualcomm IPQ4018 (ARM Cortex A7 717MHz Quad-Core) + QCA8072
- RF Power: 2.4GHz (20 dBm); 5GHz (18 dBm)
- Memory: NOR 32MB, DDR3 256MB
- 2 x Gigabit Ethernet Port
- 1 x USB2.0
- Support 802.3af PoE
- Option: BLE / TPM
- Installation: Wall Mount & Cell Mount
- Dimension: 160(L) x 160(W) x 42(H)mm
- **APH50c**: Internal Ant. Design
- **APH51c**: 4 x 3dBi Omni Antenna (RSMA)
- Operating: 0°C to 45°C

About Amigo Technology Inc

Amigo Technology Inc., listed on the Taiwan Stock Exchange in 2003, manufactures WAN, LAN, and IoT devices. The business strategy is providing high quality and unique design for Telecommunication companies, service integrators or any other brand companies. For knowing further about Amigo's products, please visit to www.amigo.com.tw.