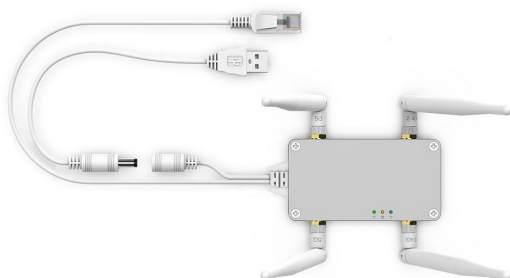


ALLNET Wireless Client 2,4GHz (300Mbps) und 5GHz (900Mbps) AC ALL-WCL1200v3 AC

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EAN CODE



HIGHLIGHTS

• Hardware Features:

1. Support wide voltage DC5-15V power supply, two-stage automatic overvoltage protection (Protection voltage upper limit 15.5V);
2. The output power of the power supply is not less than 10W (typical power supply 5V/2A, ripple less than 100mV);
3. Module power supply: 1.3W -- 3.75W;
4. WiFi Work Band: 2.4G + 5G;
5. WiFi transmission rate: 300Mbps(2.4G)+900Mbps(5G);
6. RF Power: 2.4G is 15dBm/16.5dBm optional, 5G is 19dBm/23dBm optional;
7. The transmission distance (5G without obstacle): 500 meters;
8. The module built-in LNA, the receiving sensitivity is 14dBi;
9. Standard package external antenna: 2*3dBi 2.4G antennas, 2*3dBi 5G antennas;
10. Adopt temperature compensated auto frequency control technology, WiFi signal is more stable and not easy to drop;
11. The aluminum alloy shell has good heat dissipation characteristics, which can quickly dissipate the heat generated when the device is working;
12. Work Environment temperature: -20°C to +55°C.

Function Features:

1. Support router and bridge repeater mode;
2. In router mode, support WiFi WAN access;
3. In router mode, support WAN/LAN exchange of wired network ports;
4. Support WiFi smart bridge repeater, can achieve WiFi to wired, wired to WiFi function;
5. Support 802.11ac, 802.11a, 802.11n and so on transmission protocol;



6. Support WiFi hotspot automatic reconnection, two hotspot matching methods: Full match authentication mode, SSID and password authentication mode;
7. WiFi hotspot memory, maximum memory 100 hotspots;
8. Support connecting more than 20pcs WiFi terminal at the same time;
9. Support SSA protocol, built-in hotspot signal strength detection and reporting function to realize WiFi mobile positioning;
10. Support hotspot forced disable, WiFi hardware forced disable;
11. Hotspot connection parameter import and export function;
12. Adopt VDNS virtual domain configuration technology to solve the user's trouble of configuration;
13. Support WEB management, Chinese and English configuration interface;
14. Support upgrade online;
15. Support IP layer transparent transmission and MAC layer transparent transmission two bridge modes to meet various bridge applications:
IP layer transparent transmission (factory default), transparent transmission of IP layer data, can meet most of the bridge applications;
MAC layer transparent transmission all data above the MAC layer (link layer) and the MAC layer, including IP layer data; MAC transparent transmission can solve some special applications for MAC layer encryption, such as AP managed by AC, GoPro camera, Cisco AP, Hikvision monitoring, system, etc.

Technical Details:

LED	Status Indication: Ethernet Port Status Light (Yellow); 2.4G WiFi Connection Status Light (Blue); 5G WiFi Connection Status Light (Green);
Antenna Interface	2*3dBi 2.4G Glue stick antennas (detachable) 2*3dBi 5G Glue stick antennas (detachable) RP-SMA-Female Antenna Connector
Module Size	84mm x 45mm x 15mm(L x W x H)
Module Weight(Including Antennas)	133.8g
WiFi Related	
Protocol Standard	IEEE 802.11ac, IEEE 802.11a; IEEE 802.11n, IEEE 802.11g, IEEE 802.11b;
WiFi Transmission rate	2.4GHz band: 300Mbps 5GHz band: 900Mbps
Basic Function	1) Router mode, support WiFi WAN access and WAN/LAN exchange;



	2) Transparent bridge (IP layer transparent, MAC layer transparent); 3) WiFi Hotspot exchange, WiFi hardware exchange; 4) 2.4G WiFi mode option: 11B/G/N, 11B/G, 11N, 11G, 11B; 5G WiFi mode option: 11AC/AN/A, 11AC/AN, 11A/N, 11A, 11N; 5) WiFi hotspot automatic reconnection, two hotspot matching methods: Full match authentication mode, SSID and password authentication mode; 6) WiFi hotspot memory, maximum memory 100 hotspots; 7) SSA signal strength detection and reporting function ; 8) Hotspot connection parameter import and export function;
Supported Band	2.4G band channel: 1-14; 5G band channel: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 161, 165
WiFi RF Power	2.4G: Normal Power: 15dBm; Enhanced Power: 16.5dBm. 5G: Normal Power: 19dBm; Enhanced Power: 23dBm.
Compliance acceptance sensitivity	-69dbm (2.4G) -75dbm (5G)
LNA Sensitivity	14dBi
Application Method	WiFi Repeater (WiFi signal repeater), can extend WiFi transmission distance; WiFi Bridge: IP layer transparent transmission, MAC layer transparent transmission; WiFi access point (AP);
WiFi Security	64/128/WEP security; WPA-PSK/WPA2-PSK, WPA/WPA2 Security mechanism;
System Function	Firmware Upgrade



Part No.: 221028
Vendor Part No.: ALL-WCL1200v3

	Reboot device
	Reset factory
	Account and password revise