

Access Point AP-5G05A

Access Point AP-5G05A is a 5GHz, 802.11a, 500mW, outdoor Access Point, Client, Bridge, Client router



Features

- 5.1~5.8GHz, 25 non-overlapping channel
- on-board 500mW without booster (no self harmonic noise) for the best signal clearness
- Dual antenna options – programmable : in-built 12-dbi panel or external antenna selected per demand;
- Dual Ethernet port: for additional feed for IP camera, 2nd backhaul, or Access Point.
- Client router support NAT for users
- 4 x SSID & V-LAN(802.1q), WMM (QoS)
- Highest security WPA2 complying US federal requirements for banking application



Specification

Standards Compliance	IEEE 802.11a; IEEE 802.3; IEEE 802.3u; IEEE 802.1x	
SDRAM	32 M Byte	
Flash	8 M Byte	
Radio Frequency Type	OFDM	
Modulation	IEEE 802.11a:OFDM with BPSK,QPSK,16QAM,64QAM	
Frequency Band	IEEE 802.11a: 5.150~5.350GHz, 5.470~5.725GHz (for Europe), 5.725~5.825GHz	
Transmission Power	802.11a: 21dBm@54Mbps; 22dBm@48Mbps; 23dBm@36Mbps; 26dBm@6~24Mbps	
Transmission Rate	IEEE802.11a: 6/9/12/18/24/36/48/54Mbps; Static super 11a mode	
Access Point Interfaces	Auto sensing MDI/MDI-X Ethernet 10/100Base-TX: RJ-45	
Sensitivity	IEEE 802.11a: -94dBm @ 6Mbps; -74dBm @ 54Mbps, PER < 10%	
Antenna Type	Internal	Integrated 12 dBi directional antenna up to 20km
	External	1 x N female jack connector , optional 23dBi antenna for 35km and 30dBi antenna for up to 60km
Security Systems	64-bit/128-bit/152-bit WEP encryption; WPA/ WPA2 (-PSK using TKIP or AES) WPA/ WPA2 (-EAP using TKIP); 802.1x Authenticator; Hide SSID in beacons	
Wireless Setting	Operation Mode – AP/ Client/ WDS Bridge (16 links)/ Client Router(NAT) Channel Selection (Setting varies by Country) Adjustable transmit power by 1dBm step	
Software/Firmware	Site Survey DHCP Server / Client Suppressed SSID Profile Isolation Station Separation Spanning Tree settings Wireless access control by MAC address filter (up to 50 fields) Multiple SSID with 802.1q VLAN tagging (up to 4 SSIDs) Web-based configuration via popular browser (MS IE, Netscape...) Windows “Locator” program to help find IP in DHCP client mode Firmware upgrade and configuration backup via Web or Telnet Reset to default by WebUI or by Reset button VPN pass-through (PPTP, L2TP, IPSEC) SysLog SNMP v1/v2c MIB support: MIB I, MIB II (RFC-1213) and Private MIB Long distance transmission: up to 1~30 Km (ACK timeout) Support Narrow Bandwidth 5/10/20 MHz adjustable	

	Support PPPoE(Client Router) mode and PPTP Ping function and Trace Route function Support QoS(WMM) Support Time settings
Operating Environment	Operating Temperature: -30 ~ +70°C
Power	Active Ethernet (Power over Ethernet) Proprietary PoE design DC48Volt± 5%; 0.83A (Max.), AC adapter AC 100~240V
Network Management System Browser Support	Windows 2000 / XP / Vista Home BASIC / Windows 7
Warranty	One year limited

Standard Accessories



Outdoor radio
 AP/Client/Bridge/Repeater



25m patch cable



2m cable



POE (48V, 0.83A)



Power cord



Mounting bracket