

2.4GHz 800mW Outdoor Multifunction Wireless Access Point

【 GAP-2408g 】 & 【 GAP-2408g-N 】

Features

- High Output power up to 28dBm
- Fully interoperable with IEEE 802.11b/g compliant devices
- Support Multi-SSID and VLAN function in AP mode
- Enhance user performance and density QoS(WMM) support
- Powerful data security WPA2/WPA/802.1x support
- Range up to 5~10 Km

AP Specification

Standards Compliance	IEEE 802.11b IEEE 802.11g IEEE 802.3 IEEE 802.3u
SDRAM	32 M Byte
Flash	8 M Byte
Radio Frequency Type	DSSS / OFDM
Modulation	IEEE 802.11b: CCK,DQPSK,DBPSK IEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	IEEE 802.11b: 28 dBm@1~11Mbps IEEE 802.11g: 22 dBm@54Mbps; 23dBm@48Mbps; 25dBm@36Mbps; 26dBm@6~24Mbps
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11Mbps IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54Mbps
Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	IEEE 802.11b: -98dBm @ 1Mbps; -93dBm @ 11Mbps, PER < 8% IEEE 802.11g: -95dBm @ 6Mbps; -75dBm @ 54Mbps, PER < 10%
Antenna Type	Integrated 15dBi flat panel antenna or external high gain antenna

Security Systems	64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access (WPA)/ WPA2
Wireless Setting	Operation Mode – Access Point/ Client Bridge/ Wireless Bridge (WDS) PtP and PtMP (up to 16 links)/ Client Router Channel Selection (Setting varies by Country) Adjustable transmit power by 1dBm step
Software/Firmware	Site Survey DHCP Client Suppressed SSID Station Separation Spanning Tree settings Wireless access control by MAC address filter (up to 50) Multiple SSID with 802.1q VLAN tagging (up to 4 SSIDs) Profile Isolation from each other using VLAN (802.1Q) standard 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 Reset to default by WebUI 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) and wireless traffic shaping Support Time settings
Operating Environment	Operating Temperature: -20 ~ +70°C
Power	DC 48 Volt ± 5%; 0.83A (Max.); AC adapter AC 100V ~ 240V
Regulatory Approval	N/A
Network Management System OS Support	Windows 2000/XP/Vista Home BASIC/Windows 7
Warranty	One year limited