

# ALCON®

Bringing People Together

## APE-2408g & APE-2408g-N (AP/Client/Repeater/Bridge)

- 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, Density and QoS(WMM) Support
- Powerful Data Security WEP/ WPA/ WPA2 Support
- Range up to 5~10 Km



**APE-2408g**



**APE-2408g-N**



**IEEE  
802.11g  
Standard**

## Specifications

Standards Compliance	IEEE 802.11b/g; IEEE 802.3; IEEE 802.3u; IEEE 802.3af
SDRAM	32M Byte
Flash	8M 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	802.11b: 28dBm@1~11Mbps 802.11g: 22dBm@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 sensing 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-AP/Client/Wireless Bridge(WDS)/PtP and PtMP(up to 16 links)/Repeater Channel Selection (Setting varies by Country) Adjustable transmit power by 1dBm step
Software/Firmware	Site Survey DHCP Client Suppressed SSID Spanning Tree settings Wireless access control by MAC address filter (up to 50) 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 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 Support QoS(WMM) Support Time settings
Operating Environment	Operating Temperature: -20 ~ +70°C
Power	DC 48 Volt $\pm$ 5%; 0.4A (Max.) AC adapter AC 100V ~ 240V
Network Management	Windows 2000/XP/Vista
System OS Support	
Warranty	One year limited

## Accessories



25M Cable

2M Cable

PoE & Power Cord

L Type Bracket

Bracket Kit (U Bolt)