



APM CO., LTD

ABR-24005g

Broadband Wireless Access Solutions (AP/Bridge)



Key Features

- Wireless LAN IEEE802.11b/g compliant
- Solid housing provides protection against rigorous weather conditions IP68 compliant
- Four operating modes support: AP, AP with Bridge (WDS), Wireless Client, and Repeater
- Strong network security with 64/128/152-bit WEP encryption, WPA and WPA2
- One detachable reverse N-type male connectors can connect to external antenna for expanding connection distance
- 5 levels of adjustable transmit power control
- Provides "Connection Status" indication for Repeater, Client and Bridge modes
- Power over Ethernet design non-standard or IEEE802.3af compliant

Specification

Standards Compliance	IEEE 802.11b/g; IEEE 802.3; IEEE 802.3u
SDRAM	8 M Byte
Flash	2 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	802.11b: 20dBm 802.11g: 20dBm
Transmission Rate	IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps Super G: up to 108Mbps



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Access Point Interfaces	Auto sensing MDI/MDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	IEEE 802.11b: -86dBm @ 11Mbps, PER < 8% IEEE 802.11g: -72dBm @ 54Mbps, PER < 10%
Antenna Type	Reverse N-type female
Security Systems	64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access (WPA) and WPA2
Wireless Setting	Operation Mode – AP / Wireless Client / Repeater / Wireless Bridge(WDS) PtP and PtMP
Software/Firmware	Site Survey DHCP Client Suppressed SSID Wireless access control by MAC address (deny or accept) WPA Support (WPA personal and enterprise) 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
Operating Environment	Operating Temperature:-30 ~ +70°C
Power	DC 12 Volt \pm 5%; 2A (Max.); AC adapter AC 100V ~ 240V
Regulatory Approval	FCC Part 15 B (US); CE
Network Management System OS Support	Windows 95/98/Me/NT4.0/2000/XP
Warranty	One year limited
Emissions/Safety	CE: EW521501 ER521501 FCC: FD521501