

AWAP803

Wireless 11a+g Dual-Band Access Point



ALFA AWAP803 Wireless 11a+g Dual-Band Access Point can be accessed in all three 802.11 wireless networks. AWAP803 contains two separate wireless connectivity radio transceivers, which support all three popular wireless networking specifications. One of the two transceivers uses 2.4GHz frequency band and supports both wireless 802.11b and 802.11g, which offers up to 11Mbps and 108Mbps data rate respectively. The other transceiver uses 5GHz frequency band and supports wireless 802.11a, also at 54Mbps. Since two radio waves operate in different frequency bands, they can work simultaneously and cover your wireless zone with high-speed performance. In terms of security,

FEATURE

- Provide High performance universal wireless network connectivity
- Supports 802.11a, 802.11b and 802.11g networks
- Wireless link speeds up to 108Mbps
- MAC address Filtering and enhanced 152-bit WEP Encryption
- Web-based management and easy setup wizard
- Ideal for multi-media data transmission with high speed wireless performance
- Enhanced security management to protect user network
- Easy and fast installation and setup
- WDS: AP, Bridge, P2P & P2MP Repeater, and AP Client

SPECIFICATION

| | |
|------------------------------|---|
| Ethernet LAN | One 10/100Base-T Ethernet switch port (auto sensing) |
| LED Indicators | LED x5: Power, Link / Act, Full/Col, 11a link/Act, 11g link/Act |
| Antenna | Detachable antenna 802.11a: 2dBi (Peak Gain), 802.11b/g: 2dBi (Peak Gain) |
| Reset Button | Reset to default setting (hold the reset button after 6 sec) |
| Standard | IEEE 802.11a 802.11b and 802.11g for WLAN: 802.3 for wired LAN |
| Frequency Bands | 2.412~2.497GHz ISM Band for 802.11b & 802.11g; 5.15GHz-5.35GHz for 802.11a |
| Modulation Tech | 802.11b: 11Mbps & 5.5Mbps CCK; 2Mbps:DQPSK; 1Mbps:BPSK 802.11g and 802.11a: OFDM |
| Media Access Protocol | CSMA/CA with ACK |
| Transmit Power | 802.11a:Max 16dBm@16QAM R3/4 802.11b:Typ. 16dBm@Mormal Temp Range 802.11g:Typ. 14dBm@Mormal Temp range |
| Receive Sensitivity | 802.11a: 6Mbps 10-5 BER @ -88dBm;54 Mbps 10-5BER @ -67dBm 802.11g: 11Mbps 10-5 BER @ -80dBm; 54 Mbps 10-5 BER @ -65dBm |
| Data Rates | 802.11b: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps,auto fallback 802.11g & 802.11a: 54,48,36,24,18,12,9,6 Mbps. |
| Operating Range | 802.11b: up to 300m (Outdoor), 35-60m (Indoor) 802.11g: up to 50m (Outdoor), 20m (Indoor) 802.11a: up to 300m (open space), 100m (Indoor) |
| Number of Channels | 802.11b: USA and Taiwan-11, China and Europe-13 802.11g: USA , Europe , and Japan -13 |
| Security | Up to 64bit/128/152-bit WEP & WPA, 802.1x Radius Client , MAC address filtering |
| Management | Built-in HTTP Server for setup and remote management via any browser |
| Dimension | 195 x 160 x 27 mm (L x W x H) |
| Weight | 700g |
| Temperature | 0~40°C (Operating),-20~70°C |
| Humidity | 95% Non-condensing |
| Input | Input: AC 85 ~ 132V,0.35A |
| Output | Output: DC 5V, 2.5A |