

A20 Wireless LAN 11g Access Point



Description

The A20 Wireless LAN 11g Access Point supports IEEE802.11g/b, IEEE802.1x and IEEE 802.3/802.3u compliance devices. It is designed to meet the mobility, performance, security, interoperability, manageability, and reliability requirements in the ever demanding wireless networking application environments.

It is extremely easy and secure to set up its configuration via web browser. The A20's SNMP feature provides IT managers the ability to conveniently monitor the remote network device quickly. In addition, its access control is achieved through the MAC address filtering and the WPA (Wi-Fi Protected Access) security algorithm meets the stringent security protection needs.

The A20 provides bridging mode function which allows two geographically separated LANs to be wirelessly interlinked in addition to serve as a WLAN base station (Access Point). Its repeater mode function will extend the range of the existing radio network and its AP-Client mode function let A20 be used as wireless NIC.

The A20 is designed for the ease of installation and future upgrade ability with features such as automatic MDI –MDIX detection on the RJ45 LAN port and downloadable flash-upgradeable firmware which allows future ease of support.

Features

- Compatible with 802.11g/b devices
- Operating in 2.4GHz band with up to 54Mbps
- Provides data rate 54/48/36/24/18/12/1/9/6/5.5/2/1 Mbps
- Supports RADIUS security function for the advanced user
- WPA (Wi-Fi Protected Access) supports TKIP or AES algorithm
- Web-based user interface for easy configuration and management through web browser
- AP mode or AP-client mode selection
- WDS enables wireless bridging & repeater modes
- MAC address filtering enhancement
- Supports SNMP function
- Reset button for fast default setting recovery
- Turbo-G (Afterburner option) mode enhances throughput by up to 40%.
- Operating range
 - Open environment: Up to 300m
 - Office environment: 30 ~ 100m

Specifications

- **Standard Compliance:**
 - IEEE 802.3, 802.3u
 - IEEE 802.11g/b, 802.1x
- **Interface:**
 - LAN: 1 x 10/100 Mbps auto-sensing switch ports
 - Auto MDIX for Ethernet port
- **Wireless:**
 - Frequency Band: 2.4 ~ 2.483 GHz
 - Modulation: DBPSK for 1 Mbps, QPSK for 2 Mbps
CCK for 5.5 /11 Mbps
OFDM for 6/9/12/18/24/36/48/54 Mbps
 - Data Rate: up to 54Mbps with auto fallback
 - Radio Output Power (Typ.): +15 dBm
 - Receive Sensitivity (Typ. @BER < 10E-5):
 - 80 dBm @ 11 Mbps
 - 65 dBm @ 54 Mbps
 - Antenna Type: external dipole antennas
- **Management:**
 - Web-Based management (single log-in with timeout protection)
- **Maximum Users:**
 - Up to 64 wireless users
- **Security:**
 - Selectable 64 & 128 bits WEP
 - 802.1x
 - WPA
- **Mechanical:**
 - LED Indicators: LAN, Power & Activity
 - Dimension: 167.0 × 117.5 × 31.7mm
 - Weight: 300g
 - Mounting: Desktop, ceiling or wall-mounted
- **Environmental:**
 - Temperature: 0 ~ +40 (operation)
-20 ~ +70 (storage)
 - Humidity: 0 ~ 90% (non-condensing)
 - Power Adapter: 90 ~ 264 Vac input, 5 Vdc, 2A output
- **Certificate:**
 - FCC class B
 - CE mark

Notes: Specifications are subject to change without notice.