

High Power WiFi Series

ZWA-G880 802.11g Multi-Mode Ap



ZWA-G880

Zinwell WLAN Multi-Mode AP, ZWA-G880, is fully complied with IEEE 802.11g standard, which provides higher speed, 54Mbps, LAN communications. ZWA-G880 is an ideal product for implementing your WLAN environment. As a Multi-Mode AP, ZWA-G880 can almost be configured as any possible products which can be found in the market. Besides, ZWA-G880 also provides the function called "Wireless ISP;" with such function, the device acts as AP Client and provides Routing function. Through this function, user can have much more flexibility to construct the WLAN environment. In addition, ZWA-G880 does not sacrifice a bit on the concerns of security. From the basic to the most advanced technologies, ZWA-G880 supports self protection mechanisms, such as MAC address access control, hidden SSID, and NAT, and higher level security standards, such as WEP, WPA (TKIP and/or AES) with or without RADIUS server, and the most advanced WPA2 (AES).

Technical Specifications

Standards

- IEEE 802.11b
- IEEE 802.11g

Radio Scheme

- 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)
- 802.11b: DSSS (CCK, DQPSK, DBPSK)

Frequency Range

- 2.4 GHz ~2.484GHz

Number of Channels

- North America: 11 Channels (US, Canada)
- ETSI: 13 Channels (Most European Countries)
- TELEC: 14 Channels (Japan)

Output Power

- 802.11g: 20 +/- 1 dBm
- 802.11b: 24 +/- 1 dBm

Sensitivity

- 802.11g: -71 +/- 2dBm @ 54Mbps
- 802.11b: -84 +/- 2dBm @ 11Mbps

Data Rate

- 802.11g: 54 / 48 / 36 / 24 / 12 / 9 / 6 Mbps
- 802.11b: 11 / 5.5 / 2 / 1 Mbps

Operating Mode

- Wireless Access Point
- AP Client (Ethernet to WLAN Bridge)
- WDS(P-to-P, P-to-MP Bridge)
- Wireless Router
- AP Client with Routing function

Security

- Password Protection
- MAC Filtering
- Hidden SSID Broadcast
- 64/128-bit WEP Encryption
- WPA for 802.1x and WPA-PSK
- WPA2 / IEEE 802.11i

Antenna

- Detachable Dipole Antenna x 1

Antenna Connector

- Reversed Polarity SMA Male

Operating Environment

- Temperature 0 ~ 50°C
- Humidity 10~90% (non-condensing)

LED Indicators

- LAN (Green), WAN/LAN(Green), WLAN(Green), Power (Yellow)

DC Input Power

- DC 5V +/- 5%; 2A

Dimension

- 130 x 90 x 30 mm (L x W x H)

Certification

- FCC, CE

Key Features

- Fully Complied with IEEE 802.11g Standard
- 54Mbps; 4 Times Faster than IEEE 802.11b Standard
- Configurable Multi-Mode AP
 - Access Point
 - AP Client
 - WDS (Wireless Distribution System; supports Repeater, Point-to-Point & Point-to-Multi-Point Bridging)
- Wireless Router
- AP Client with Routing Function
- User Friendly WEB GUI for Device Configuration
- Up-to-date Security Technologies
 - 64bit & 128bit WEP
 - WPA Personal or Enterprise with TKIP and / or AES
 - WPA2
- Two Ethernet Ports



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