



# AG-1780H

## Wireless 802.11a/b/g 5-Port High Power Access Point

### Description

Wireless 802.11a/b/g Access Point, AG - 1780H, comes with 5 Ethernet ports and high-speed wireless connection to link all types of networking device together.

To ensure the highest level of security, AG-1780H provides 64/128 bit WEP, WPA, WPA2 encryption, IEEE 802.1x and MAC Address Filter

With a web-based management interface, setting up and maintaining your network is easy and can be done from any computer on the network

### Features

Support 802.11a/b/g Standards Security: WEP 64/128, WPA, WPA2, 802.1x and 802.11i AP, WDS (Bridge + Repeater), or Client Mode Advanced Quality of Service (QoS) - 802.11e, WMM OS support: Win98/SE/ME/2000/XP/CE, Linux, MAC OSX

### Specification

|                               |  |
|-------------------------------|--|
| Standards                     | IEEE 802.11 a/b/g standards compliant  |
| Antenna                       | Dual Band Detachable Dipole Antenna (RP-SMA 5dBi)                                  |
|                               | 802.11b/g  |
|                               | USA (FCC): 2.412GHz ~ 2.462GHz   |
|                               | Europe (ETSI): 2.412GHz ~ 2.472 GHz  |
|                               | Japan (TELEC): 2.412GHz ~ 2.483GHz   |
| Frequency Range               | 802.11a U-NII: 5.15 ~ 5.35 GHz; 5.725 ~ 5.825 GHz                                  |
|                               | ISM: 5.725 ~ 5.850 GHz   |
|                               | DSRC: 5.850 ~ 5.925 GHz  |
|                               | Europe(ETSI): 5.15~5.35 GHz; 5.47~5.725 GHz  |
|                               | Japan (TELEC): 4.90 ~ 5.00 GHz; 5.03 ~ 5.091 GHz                                   |
|                               | 802.11b/g: USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 14 channels |
| Number of Selectable Channels | 802.11a: USA (FCC) 12 channels; EU (ETSI) 19 channels; Japan (TELEC) 4 channels    |
|                               | 802.11b: 1, 2, 5.5, 11Mbps   |
| Data Rate                     | 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps  |
|                               | 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps  |
| Coverage Area                 | Indoor: up to 100M Outdoor: up to 300M   |
| Transmit Power                | 11a OFDM: 16 ~ 18dBm ; 11g OFDM: 16 ~ 18dBm 11b CCK: 19 ~ 21dBm                    |
| Receiver Sensitivity          | -65dBm at 54Mbps, 10% PER ; -80dBm at 11Mbps, 8% PER ;                             |
| Power Requirement             | 12V 800mA  |
| Certifications:               | FCC, CE  |

### Applications

