54Mbps Wireless Access Point

Ideal Wireless Solution--LevelOne's WAP-0006 11g wireless access point can act as a bridge between the wired Ethernet and 2.4GHz IEEE 802.11b/g wireless LAN to let your wireless LAN client access both the wired and the wireless network nodes.

Robust Wireless LAN Security—In addition to providing basic security control by using ESSID and 64/128-bit key length WEP encryption, this access point also supports such advanced security features as WPA-PSK to provide enhanced level of security, MAC access filtering and ESSID broadcast disable function to protect your network from unauthorized access.

Multiple Operation Modes—Our WAP-0006 supports AP/ AP Client/ Bridge/ Repeater multiple operation modes. By setting this device into the Station(AP client) mode, it can provide any Ethernet device with instant wireless networking capabilities by placing Ethernet devices anywhere to enable interoperability among wireless network and Ethernet devices. The Repeater mode operation can repeat wireless signals from AP to wireless clients thus extending the WLAN range. The Bridge mode operation is also useful when users want to bridge netwroks between buildings where it is impossible to deploy netwrok cable connections.

Flexibility to Upgrade and Maintain—WAP-0006 provides a standard RP-SMA antenna connector allowing you to apply all types of high gain antennas for extending wireless LAN coverage. The Web-based management interface will walk the user through the network setting very easily.

WAP-0006

Related Products

WNC-0301
54Mbps Wireless PCI Card

WPC-0301
54Mbps Wireless PCMCIA Adapter

WNC-0301USB
54Mbps Wireless USB Adapter

WAP-0004
54Mbps Wireless AP/Router

Key Features

- Data rates up to 54Mbps for 11g; 11Mbps for 11b
- Auto rate fallback in case of interferences
- Supports AP/AP Client/Repeater/Bridge operation modes
- Supports WEP 64/128-bit encryption, WPA-PSK
- Provides MAC address filtering
- Provides DHCP Server
- Supports Web-based management interface
- Firmware upgrade via web

Technical Specification

- **Standard Conformance**
  IEEE802.11b/g,
- **LAN Port**
  1 x 10/100 Mbps Auto-MDIX RJ-45 Ethernet port

Radio Operation

- **Frequency Band**
  2.400~2.4835GHz
- **Data Transfer Rate**
  802.11g up to 54 Mbps (6/9/12/18/24/36/48/54 Mpbs)
  802.11b up to 11Mbps (1/2/5.5/11 Mbps)
- **Modulation**
  CCK@11/5.5Mbps, DQPSK@2Mbps, DBPSK@1Mbps
- **Radio Technology**
  Direct Sequence Spread Spectrum (DSSS)
- **Number of Channels (Fixed)**
  Channel 1-11 (North America)
  Channel 1-14 (Japan)
  Channel 1-13 (Europe)
- **Antenna**
  1 x RP-SMA detachable Antenna (Default)
- **Transmitter Output Power**:
  802.11b: 18dBm, 802.11g: 15dBm
- **Operation mode**
  AP /Station / Repeater / Bridge Modes

Security
WEP 64/128-bit Web share key encryption,
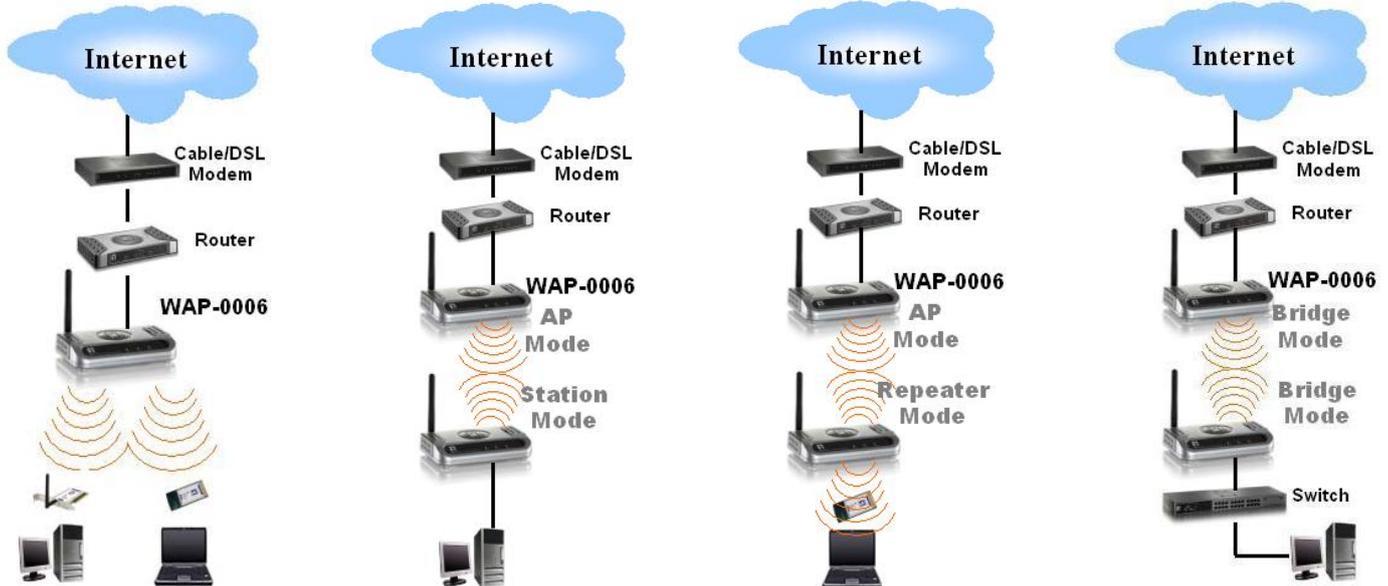WPA-PSK security
MAC Address Access Control List

Management
Web Based Management
Firmware upgrade via web

Physical Spec.

- **Power Adapter**
  12VDC, 0.5A Liner Power Adapter
- **Temperature**
  Operation: 0~55℃
  Storage: -20~70℃
- **Humidity**
  10%~90%(non-condensing)
- **Dimensions**
  127mm(W) * 96mm(D) * 30mm(H)
- **Certification**
  FCC, CE

Product Diagram

WAP-0006 in AP Mode   WAP-0006 in Station Mode   WAP-0006 in Repeater Mode   WAP-0006 in Bridge Mode

Ordering Information

- WAP-0006:   54Mbps Wireless Access Point