



11g Wireless Access Point



WAP-3000

H/W Version: 1

Product Overview

The LevelOne WAP-3000 11g Wireless Access Point acts as a bridge between wired Ethernet and Wireless 11b/g networks for wireless clients to access available wired and wireless networks.

Multiple Operation Modes

The WAP-3000 supports AP, AP Client, WDS bridging and Repeater wireless operation modes for flexible deployment and use within a standard Local Area Network. For standard operations, the WAP-3000 connects to a LAN, broadband ADSL router or network switch and provides instant network access to connected wireless clients. With WDS+AP mode the WAP-3000 is able to act as a bridge between two or more networks, combining them into a single network to provide wireless users with

access to both networks. In Repeater mode, the WAP-3000 extends the wireless area network to different locations.

Robust Wireless Security

The WAP-3000 provides 64/128-bit WEP encryption as well as WPA, WPA2 secured connectivity for securing the Wireless Area Network and to prevent unauthorized access.

Plug-and-Play Expansion of Home/Office Network

The LevelOne WAP-3000 Wireless AP is an easy to install "plug-and-play" access point with an easy to use Web-based user interface. The WAP-3000 requires little set-up and configuration and features an LED display for quick monitoring of network errors and activity.



1. LED Indicators
2. Reset Button
3. LAN Interface
4. Power Port

Key Features

- IEEE 802.11b/g compliant Wireless Access Point suitable for extending an existing LAN
- Features a 1-port Fast Ethernet interface
- Provides a wide area coverage range
- Features WPA, WPA2, 64/128-bit WEP encryption for a secured wireless network
- Supports multiple wireless operation modes
- Full LED display panel for error detection and network monitoring
- Compact design for desktop or wall-mounting
- Plug-and-Play enabled for easy setup and configuration
- Web-based configuration interface

Works Well With



WNC-0305USB
54 Mbps Wireless USB Adapter



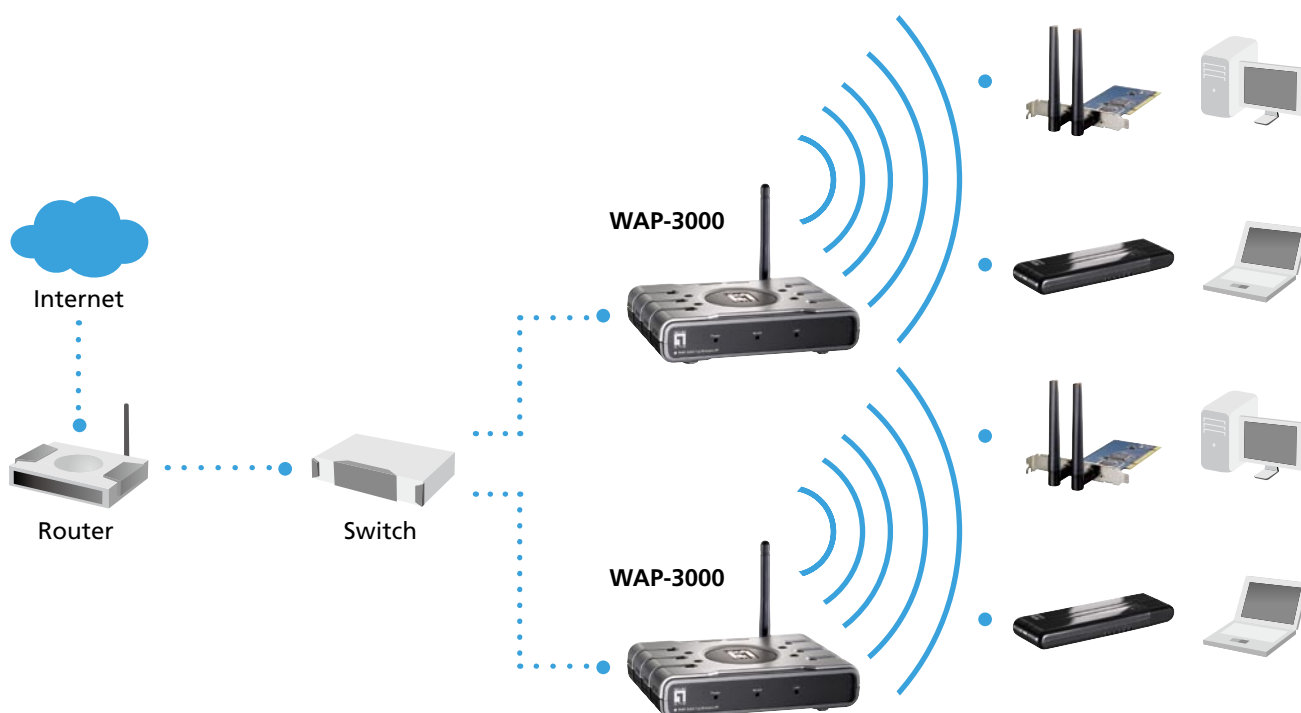
WPC-0301
11g Wireless CardBus Card

Technical Specification

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| Standards |
| IEEE 802.11g, IEEE 802.11b |
| Network Interface |
| 1x10/100Mbps LAN |
| Radio Operation |
| Data Transfer Rate |
| 802.11g: up to 54Mbps |
| 802.11b: up to 11Mbps |
| Modulation |
| 802.11g: OFDM |
| 802.11b: CCK, QPSK, BPSK |
| Media Access Control |
| CSMA/CA with ACK |
| Frequency Band |
| 2.4GHz ~ 2.4835GHz |
| Number of Channels |
| Channel 1 ~ 11 North America |
| Channel 1 ~ 13 Europe, Japan |
| Antenna |
| 1 x 2dBi external detachable dipole |
| Receiver Sensitivity(Typical) |
| 802.11g: 10% PER, -68 dBm @ 54Mbps |
| 802.11b: 8% PER, -81 dBm @ 11Mbps |
| Transmitter Output Power(Typical) |
| 802.11g: 15dBm |
| 802.11b: 18dBm |
| Operation Range |
| Indoor: approx.up to 50 meters |
| Outdoor: approx.up to 100 meters |
| Operation Mode |
| - AP mode |
| - AP Client mode |
| - Bridge mode |
| - Multiple bridge mode |
| - Repeater mode |

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|---------------------------------------|
| Network Security |
| - WEP-64/128 bit |
| - WPA |
| - WPA-PSK |
| - WPA2 |
| - WPA2-PSK |
| - Disable SSID Broadcast |
| - MAC address filtering |
| Management |
| - Web-based configuration |
| - OS Supported: Windows 2000/XP/Vista |
| Physical Specifications |
| LED |
| - Power |
| - LAN |
| - WLAN |
| Power Adapter |
| DC 7.5V, 1A |
| Temperature |
| Operating: 0 ~ 40°C |
| Storage: -25 ~ 70°C |
| Humidity |
| 10% ~ 95% (Non-condensing) |
| Dimensions |
| 146mm (L) x 113mm (W) x 32mm (H) |
| Certifications |
| CE,FCC |

Product Diagram



Order Information

WAP-3000: 11g Wireless Access Point

Package Content

WAP-3000

Power Adapter

Antenna x 1

LAN Cable

Quick Installation Guide

CD Manual