WIAS-3200N

802.11n Internet Access Server

The WIAS-3200N is the most economical and feature rich Wireless Hotspot Gateway, suit to mini-size stores where the owner needs to provide single-point wireless Internet service. WIAS-3200N is a good choice for beginners to run hotspot businesses. It does not cost much compared to buying a pile of equipments, nor does it take the skills of an expert to setup and maintain multiple applications out of multiple freeware.

- 802.11 b/g/n
- 2T2R
- Billing System
- WDS Repeater
- SSL
- SNMP
- Walled Garden
- Mounting Kit

- Hotel
- Cafe
- Restaurant

The AirLive WIAS-3200N is an all-in one solution for Hotel, Cafe, Restaurant, or WISP operators to sell Internet connections. Its powerful processor and 802.11n wireless access point enable AirLive to integrate all the conceivable features that provide simple yet powerful Internet Access accounting solution. This means providing and selling Internet services has finally become simple and affordable for every hotel, Cafe, Restaurant or WISP owner.

Wireless-N Technology

The new Wireless-N technology has dramatically increased the overall performance of a wireless network. With the enhanced transfer speed and coverage, the new Wireless-N technology greatly surpasses 802.11g. It delivers up to 3x faster data transfer speed than Wireless-G. This new standard uses the MIMO (Multiple-Input-Multiple-Output) and smart antenna technology which allows you to connect at extend distances around your shop or office.

Selling Internet by Time or Traffic

The WIAS-3200N has a built-in local authentication server that you can create instant accounts for Internet access. You can specify how long the usage time (in hours), starting time, expired time, and service price for each different billing account type, so you can sell Internet service by time. Moreover, you can also choose to sell Internet by traffic (in MBs). A new account can be instantly generated with user name and password information; then you can print this information on a conventional printer, or to the ticket printer set (PRP-058, DS-100).

The AirLive WIAS-3200N also provides Payment system for Instant account, Authorize.net and PayPal system. So user can use credit card to pay for the networking fee, or to expand the usage time for Internet access.
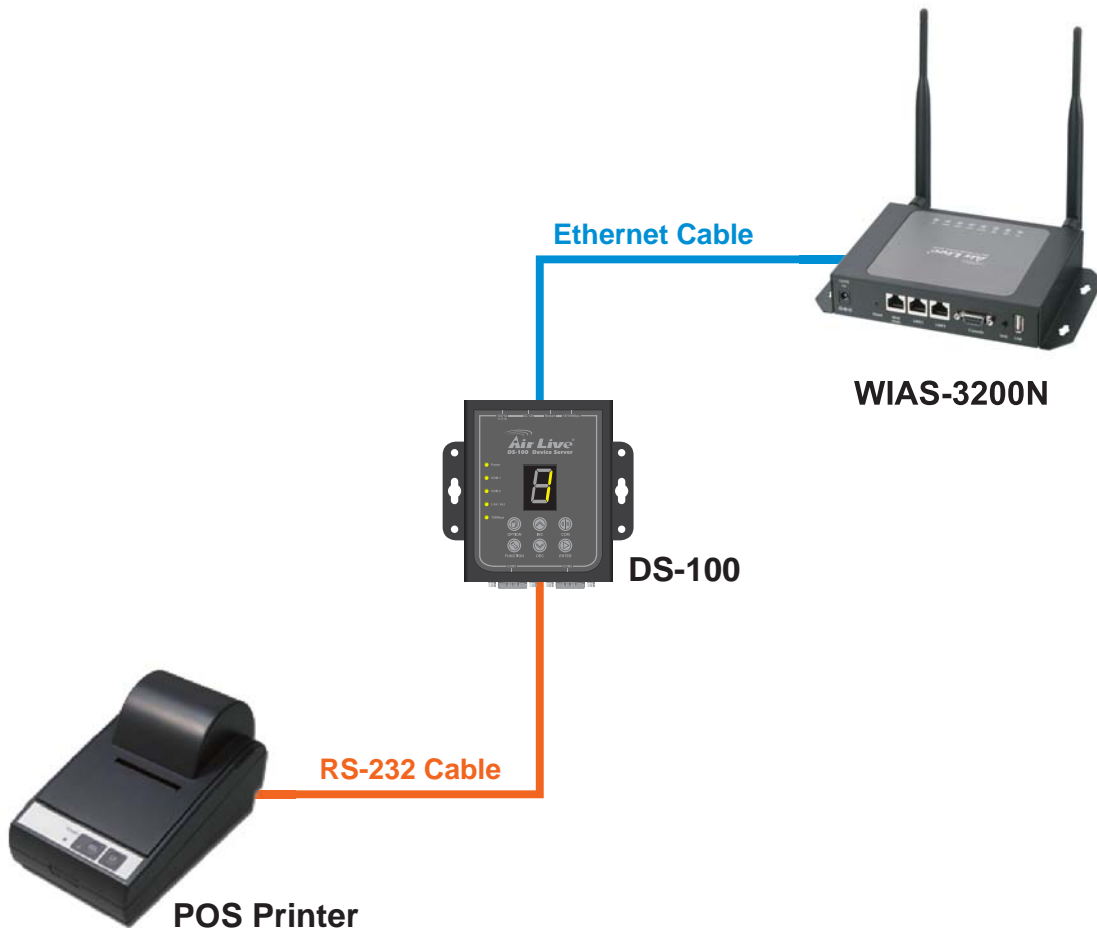
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Ethernet Cable

WIAS-3200N

DS-100
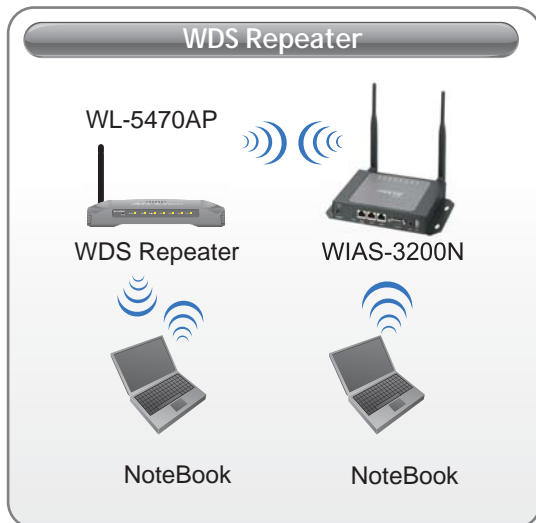
RS-232 Cable

POS Printer

Web Password Authentication

When the user receives its printed account information, all the needs is just to open the web browser. Then the WIAS-3200N will automatically switch the window to ask users for the user name and password. Once correct information is entered, the user can use the Internet connection. Furthermore, a status window will pop up showing users how much time has been used and how much time is left. From this window, users can also manually log out or redeem more credits to extend the service. Of course, there is also idle timeout feature (enabled by administrator). Best of all, the administrator is enable to customize the login page, message on the ticket, and the homepage. So service provider can have its own outlook.

Password Authentication

Login name:
Password:

Internet

NoteBook

WIAS-3200N

www.airlive.com
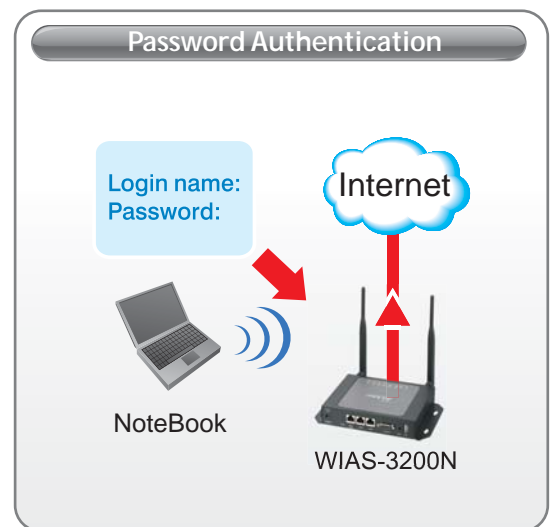
802.11N wireless with WDS function

WDS Repeater

WL-5470AP

WDS Repeater   WIAS-3200N

NoteBook   NoteBook

The WIAS-3200N features a powerful built-in wireless AP system with 2 removable antennas (included) for extra distance. Therefore, Cafe or Restaurant can provide wireless Internet service without using extra APs. WES, a new function to provide a quick, easy and still secure way for building WDS connection, could help the installer to setup the whole wireless system in a time shorter than before. In addition, WPA, WPA-PSK, 802.1x and WEP encryptions are provided for maximum security. If your network requires wider coverage, the built-in WDS repeater function allows you to expand the wireless network without using wires at all.

Payment System

WIAS-3200N is featured with Authorize. Net and PayPal billing system, so that users can easily pay the fee with credit cards or PayPal accounts for the internet access.

Bandwidth and Firewall management

The gateway also supports bandwidth management function. So you can control the speed of the user's account. The Firewall management allows you to define different service type. For example, administrator can define the firewall so only web and email service is possible. Administrator can also restrict users by using MAC access control for up to 40 entries.

The Wall Garden feature let administrator to limit destination to certain websites only, up to 20 URL/domain is definable. Accounting report, user activities, and security report can be delivered to administrators via email or the Syslog server.

Bandwidth Manager

Internet

WIAS-3200N

64K   1M

PC1   PC2
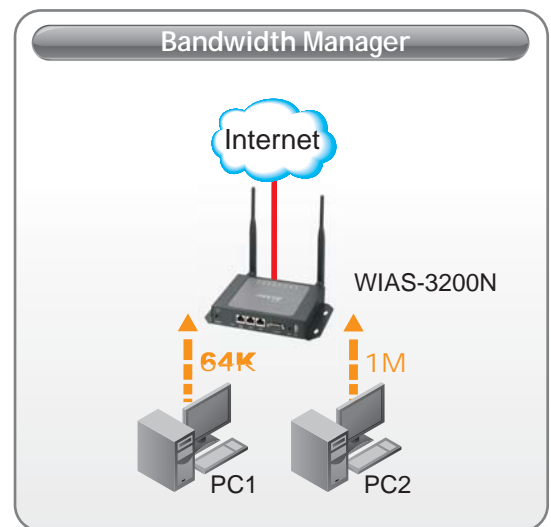
Versatile and Secure Administration

In addition to the standard Web management interface, the WIAS-3200NG also offers console management in an event when the machine can't be access from the network. For secure management, the WIAS-3200N offers SSH, SSL, and SNMP (read only) managements.

Installing a wireless billing system is a simple and versatile way to provide Internet service to your customers. Not only you can quickly recover your investment with the affordable cost of the device, you can also offer better service and convenience to your customer. Visit your authorized AirLive dealers today.

www.airlive.com

Specifications

Features
- 100 local user accounts
- 500 On-Demand Accounts
- MAC Access List
- User bandwidth control
- Walled Garden
- Multiple authentication policy
- RADIUS and local accounting
- User login schedule
- Real-time user monitoring
- Instant Account Generator
- Accessory/Console port

Hardware
- 1 x WAN Port
- 1 x LAN Port
- 802.3af PoE support
- 1 x Console Port
- WES (WDS Easy Setup) Push Button

Wireless
- Atheros 802.11b/g/n
- 2 x detachable 5dBi Diversity Antenna (SMA)
- Security: WEP(64/128/152-bit), IEEE 802.1X,
  WPA-PSK, WPA-RADIUSWES (WDS Easy Setup)
  support

User Management
- Authentication: Local, On-demand, RADIUS
- Local Account Database:100
- On-Demand Accounts: 500

- Policy-based Access Control:
  - Schedule Firewall
  - Specific Route
  - Login Schedule
  - QoS Profile
  - Session Limit Control
- Policy Profiles: 5
- Schedule Firewall: 20
- Session Limit Control
- Multiple logins with one single account
- Session Idle Timer

System Administration
- SNMP support v2 read-only access
- SSH remote management
- SSL web management
- Console admin functions
- Firmware backup/restore
- Firmware update

Physical Specification
- Wall Mount (IP50)
- Operating Temperature: 0 ~ 40 degree C
- Power: 100~240V AC, 50/60 Hz

Product Weight (Kg)
- 0.61 Kg

Dimension (W x D x H)
- 204 mm x 134 mm x 35 mm

Ordering Information

AirLive WIAS-3200N   802.11n Internet Access Server