Rover LP-ROV106
Internet Service Gateway Controller, PoE IEEE 802.3af compliant

LPROV106_SS_ENB01W

Features

- Low cost HSIA (High Speed Internet Access) gateway.

- Plug and play: easy to use wizard speeds installation.

- Custom login page with client branding; choose from 10 backdrops or create your own design.

- Free access with disclaimer; the legal disclaimer can be edited.

- Controlled access uses codes that are generated and managed on the unit; charge for Internet service or give it free.

- Access code usage reporting to track Internet utilization.

- Credit card billing for WISP or LAN applications.

- A firewall protects the business network for PCI DSS compliance.

- Remote configuration.

- QoS overall bandwidth control, with bandwidth settings for each code.

- Content filter blocks access to non-approved websites.

- Blocks file sharing software.

- Timer calendar blocks use when the business is closed.

- Access code API for PoS and PMS applications.

- Hotspot user isolation.

- Configuration backup and restore.

- URL and MAC filter.

- PoE Powered Device(PD), (Via LanPort), IEEE 802.3af standard compliant.

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The Rover LP-ROV106 by LanPro Inc., offers a very competitive and simple solution for adding important control features for delivering Internet service in commercial wireless Hotspot or wired applications, it has been designed to protect your business from the consequences of data theft, improper use, or abuse, and at the same time to give your guests and visitors a excellent Internet service. Fast return on your investment is our design Goal.

With the Rover LP-ROV106, any Business can provide a Great Internet Service for Guests and Visitors Quickly and Economically, being it a WiFi Hotspot or through a local area network.

A   Limitations of Basic Internet service Installations.

Many businesses offer free Internet for guests and visitors, or charge for the Internet service. Guests and travelers make reservations based on Internet availability because they have gadgets that use LAN or wireless Internet: iPhones®, iPod Touch®, laptop computers, and Blackberries®. However, basic Internet Service installations can leave guests and travelers frustrated.

Anyone can use the Service freely as there is no access control to prevent the neighborhood getting free Internet.

No login page is a lost opportunity to advertise and promote the business and show specials with discount coupons to encourage customer loyalty.

One user downloading a large file can make the service slow for everyone else.

Business computers can be hacked and data stolen via the Network or WiFi Hotspot: PCI DSS regulations require that the Network LAN or Hotspot use a second DSL or firewall to protect the PoS.

Users download illegal files, with risk of a lawsuit as file sharing can be detected.

There are no parental controls to block undesirable websites that should not be viewed in public.

The basic Network or Hotspot misses opportunities to improve customer loyalty by using the Hotspot to promote the business and promotional offers.

Lanpro offers a very simple and low cost way to add important features for any Network LAN or WiFi Hotspot.

B   LanPro makes Internet Service administration a more efficent task

The Rover LP-ROV106 has been designed to protect your business from the consequences of data theft, and to give your guests and visitors a great Internet service.

Our products make great financial sense: low cost products ensure that you get a fast return on investment.

Simple plug and play installation, no computer specialist required. Supports up to 200concurrent users.

Ten different login pages are already installed plus custom options are available, and 10,000 pass codes control Internet access.
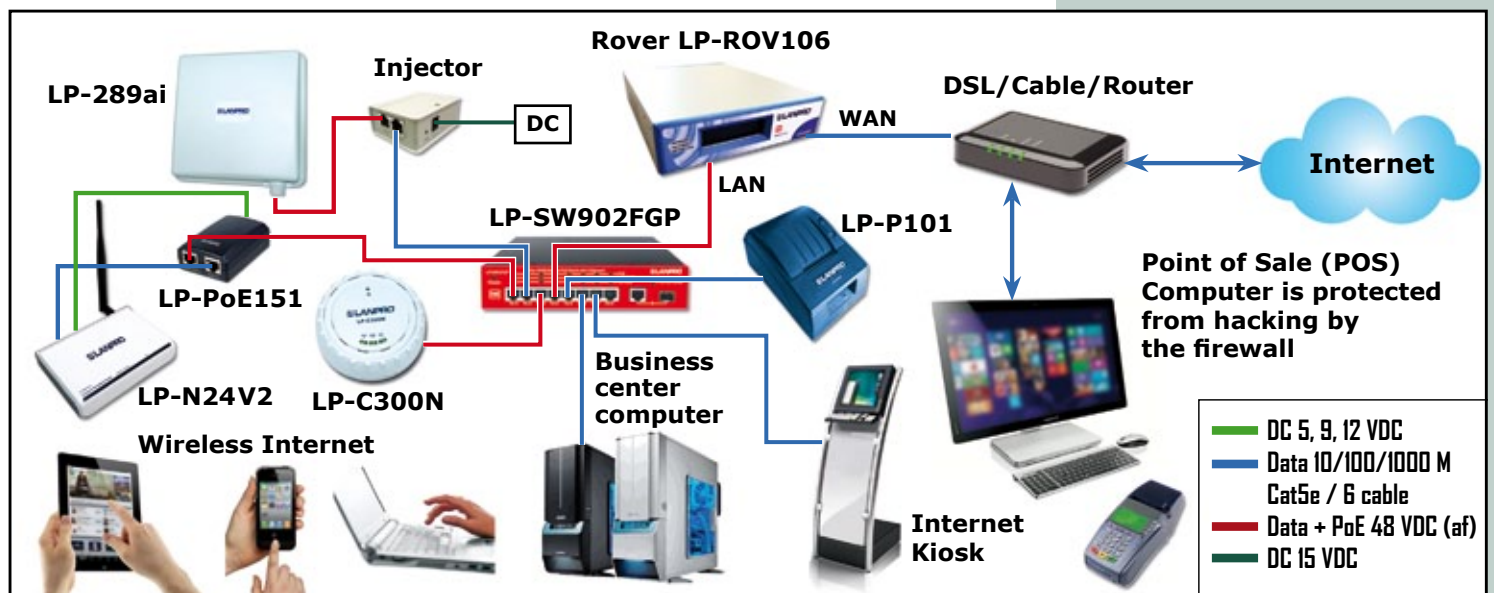
Credit card billing and reporting can be configured for commercial Hotspots.Hackers are blocked with a firewall that prevents the Internet users accessing the PoS. The firewall

also blocks file sharing preventing potential illegal use of the network. Web sites can be blocked with the content filter for family friendly web surfing.

Speed control shares bandwidth and prevents guests abusing a shared service.A timer /calendar activates service during business hours and disables the service when the business is closed.

Absolutely no other charges, no monthly fees, percentages of credit card sales, or software charges for additional features are applied.

By ensuring a plug and play operation, its installation doesn´t need a computer specialist for support of up to 200 concurrent users.

Rover LP-ROV106

LP-289ai

Injector

DC

DSL/Cable/Router

WAN

Internet

LAN

LP-SW902FGP

LP-P101

LP-PoE151

Point of Sale (POS) Computer is protected from hacking by the firewall

LP-N24V2   LP-C300N

Business center computer

Wireless Internet

Internet Kiosk

DC 5, 9, 12 VDC
Data 10/100/1000 M Cat5e / 6 cable
Data + PoE 48 VDC (af)
DC 15 VDC

C) Technical Specifications.

- Airport
- Bookstore
- Bus station
- Church
- Coffee bar / Restaurant
- Condo
- Contractors office
- Event reception

- Flea market
- Golf club
- Gymnasium
- Hospital
- Hotel
- Internet kiosk
- Marina
- Motel

- Multi-tenant
- Municipal office
- Music concert
- Public library
- Public park
- Resort
- RV park
- Shopping mal

- Sports club
- Student dorms
- Theater
- Trade show
- Train station
- Truck stop
- Universities
- Visitor center

D) Compliances.

CLASS A DIGITAL DEVICE

This equipment complies with Part 15 of the FCC rules. Operation is subject to the following conditions.

1. The device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Federal Communications Commission Notice (FCC)

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference.

The equipment can radiate radio frequency energy. If not installed and used in accordance with the instructions in this manual, it may cause harmful interference to radio, television or telecommunications reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver
- Power the equipment via a different electrical circuit from that which the receiver is connected
- Consult the dealer who installed the equipment, or an experienced radio frequency technician.

E) Technical Specifications.

GATEWAY FEATURES

- Plug and play with the setup wizard
- Firewall blocks access from LAN to WAN
- Firewall block file sharing software
- Local and remote configuration
- Content filter using OpenDNS
- Download/upload speed control
- Allowed IP and MAC addresses
- Free and controlled Internet access
- Credit card billing and usage reporting
- Timer/calendar to set availability

AUTHENTICATION

- Concurrent clients: 200
- Access code database: 10000

LOGIN PAGE

- Branding via the login page generator
- Ten login pages are preinstalled
- Upload your own background graphic
- Create a custom HTML login page design
- Add custom login page banner advertising
- Disclaimer agreement with built in editor.
- Link to business web site home page.
- Login page access code generator.
- Login code usage reporting.
- Create a "walled garden" using URL bypass.
- Library of login page designs available.

- Login page simulator on our website.
- Optional billing page for CC processing.
- Customer data collection application.
- Login page backup/restore.

API FOR POS INTERFACE

- PoS integration to sell access codes.
- Code fetch/ manage via HTTP.

ETHERNET

- WAN (Internet) RJ-45 10/100/1000.
- LAN (network) RJ-45 10/100/1000, (IEEE 802.3af PoE standard).

PERFORMANCE

- Recommended maximum numbers of 200 concurrent users (no limit is imposed).
- Maximum throughput (bits/sec between the LAN and WAN ports) 40 Mb/s.
- Access code database size, maximum number of entries 10.000, recycled when codes expire.
- Robust commercial grade equipment suitable for any business environment.
- LCD status display showing time, users, and system error messages.

LANPRO

F ▶ Technical Specifications.

ACCESS CONTROL

- Login page: library or custom login page with disclaimer editor.
- Access control: generate pass codes with many duration and control options.
- 7-day timer-calendar which limits Internet access to business opening hours.
- Connected, authenticated and blocked user status information.
- Optional Content filter Service: adult website blocking for a family friendly service.
- Speed control prevent data hogs consuming your bandwidth.

MANAGEMENT

- PCI compliant firewall: protects your business computers from data theft.
- Virus and Trojan blocking with eliminates network. performance problems (optional service).

- Block illegal P2P downloads to avoid Internet Service disconnection lawsuits.
- Block websites so hotels can prevent loss of income such as pay-per-view.
- Track individual network usage and ban / restore abusive users.

BILLING

- Hotspot or Network credit card billing via PayPal with no Guest Internet commission to pay.
- Credit card billing charge reporting visa spreadsheet downloads and email announcement.
- Subscription service via a custom website that interfaces with the API.

G ▶ HMI (Human Machine Interface).

USERS VIEW (Login page)

Select from menu or customize
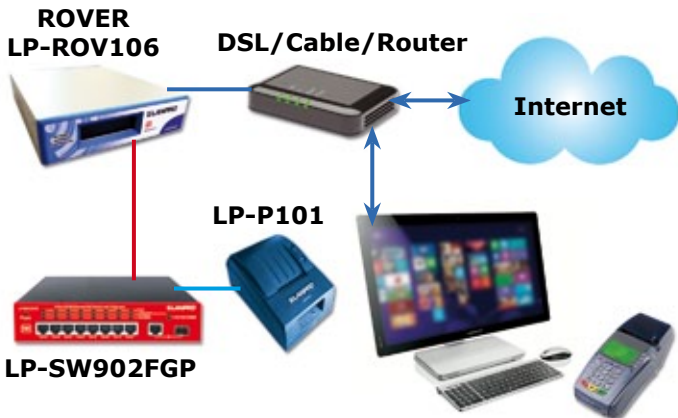
STATUS ERROR MESSAGES

11:15 am. 07/21/11
Conn users = 145

11:15 am. 07/21/11
Auth users= 112

11:15 am. 07/21/11
NO INTERNET

Front panel status display

POS/PMS INTEGRATION

ROVER LP-ROV106   DSL/Cable/Router

Internet

LP-P101

LP-SW902FGP

Point of Sale (POS) Computer is protected from hacking by the firewall

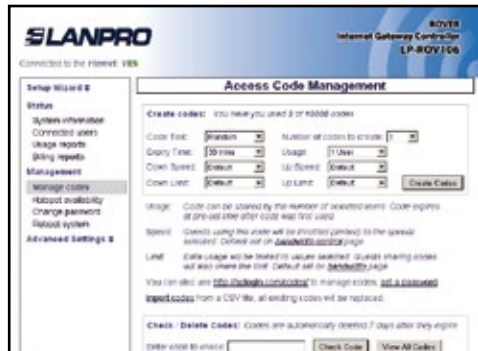Generate access codes via PoS/PMS

CONFIGURATION

Setup wizard

The setup wizard is a six-step process completed after installation

Access code generation

Access codes are generated and managed using a simple display

Advanced Features

Exclusive features that make GIS gateways very powerful tools

IMPORTANT NOTE: The maximum number of concurrent users for the LP-ROV106 is specified with a backhaul circuit of 40 Mb/sec and with users sending/receiving emails and viewing web sites. The maximum number of concurrent users will be reduced when the Internet backhaul is slower than the recommended speed, and when the user traffic includes download/upload of large files.

G ▸ Operation environment.

The Rover LP-ROV106, a commercial grade equipment, is suitable for installation in any commercial indoor environment

H ▸ Dimensions and Power.

- Enclosure: W 7.5" x D 8" x H 1.75" (1U)
- Optional Rack mounting kit
- IEEE 802.3af compliant 48 Volt PoE, (Via LAN Port), Powered Device(PD), with an alternate power connector for a local 24 Volt 110/220V converter, (12 Watt)

I ▸ Warranty.

One Year LanPro World Wide Limited Warranty.

J ▸ How to Order.

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