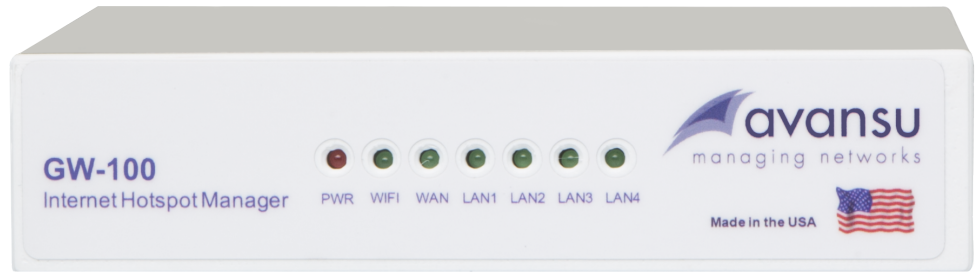


# GW-100:

Hotspot gateway for businesses with up to 100 users

- ❑ Low cost HSIA gateway
- ❑ Plug and play: easy to use wizard speeds installation
- ❑ Custom login page with client branding; choose from twelve 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 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 applications
- ❑ Hotspot user isolation
- ❑ Configuration backup and restore
- ❑ URL and MAC filter



## Any Business can Provide a Great WiFi Hotspot Internet Service for Guests and Visitors Quickly and Economically with the GW-100

### Limitations of Basic WiFi Hotspots

Many businesses offer free wireless 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 wireless Internet: iPhones®, iPod Touch®, laptop computers, and Blackberries®. However, basic WiFi Hotspots can leave guests and travelers frustrated.

Anyone can use the WiFi Hotspot 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 WiFi Hotspot: PCI DSS regulations require that the 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 Hotspot misses opportunities to improve customer loyalty by using the Hotspot to promote the business and promotional offers.

### We Make WiFi Hotspots Work Better

We offer a very simple and low cost way to add important features for any WiFi Hotspot. The GW-100 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 100 concurrent users.

Twelve different login pages are already installed plus custom options are available, and 10,000 pass codes control Internet access.

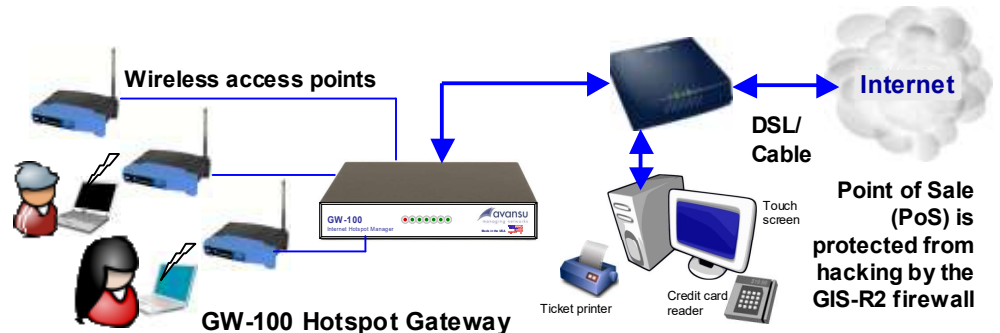
Credit card billing and reporting can be configured for commercial Hotspots.

Hackers are blocked with a firewall that prevents Hotspot 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.

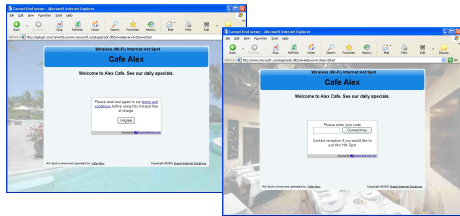
A timer /calendar activates service during business hours and disables the service when the business is closed.

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



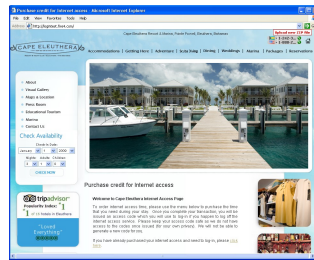
## Users View

### Login page options



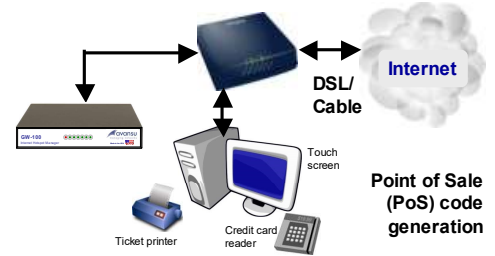
Select from menu or customize

## Custom Login Pages



Create a walled garden

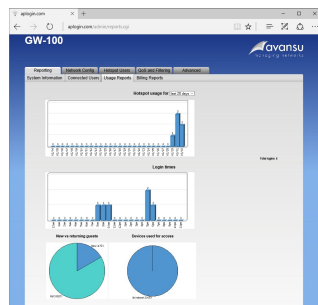
## PoS / PMS Integration



Generate access codes via PoS/PMS

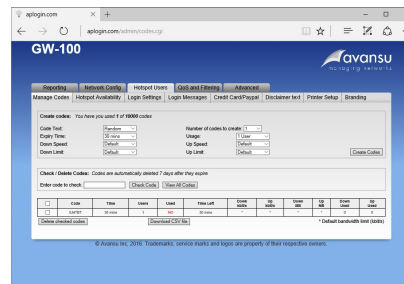
## Configuration

### Reporting



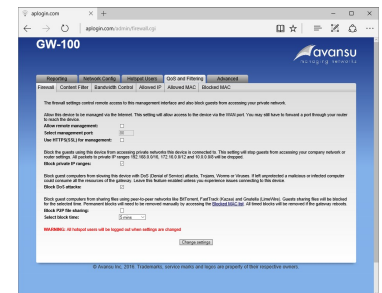
Monitor the Hotspot performance to optimize the network configuration

### Access code generation



Access codes are generated and managed using a simple display

### Advanced Features



Exclusive features that make Avansu gateways very powerful tools

## GW-100 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: 100
- Access code database: 10,000

### LOGIN PAGE

- Branding via the login page generator
- Twelve 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
- LAN1-LAN4 (network) RJ-45 10/100

### OPERATION

- Commercial grade equipment suitable for installation in any non-industrial environment

### DIMENSIONS AND POWER

- Enclosure: W 5" x D 4" x H 1.3"
- 12volt 110v/220v supply, 25W

**WARRANTY:** 1 year for product defects

## Applications for the GW-100

- Restaurant
- Coffee bar
- Public library
- Truck stop
- Motel
- RV park
- Visitor center
- Public park
- Marina
- Bus station
- Train station
- Music concert
- Theater
- Golf club
- Sports club
- Gymnasium
- Bookstore
- Hospital
- Airport
- Shopping mall
- Hotel
- Resort
- Internet kiosk
- Trade show
- Student dorms
- Church
- Contractors office
- Municipal office
- Flea market
- Event reception
- Multi-tenant condo
- University

See our web site: [www.avansu.com](http://www.avansu.com)

Micro Embedded Systems Inc, Unit C-12, 6073 NW 167 St., Miami, FL 33015, USA.

The maximum number of concurrent users for the GW-100 is specified with a backhaul circuit of 30 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.