

GL100

THE IDEAL SOLUTION TO ENABLE
HOT SPOT SITES WITH PROFESSIONAL
HIGH-PERFORMANCE ARCHITECTURE



GL100 is a network access gateway Linux platform based, specific for embedded devices, implemented on commercial hardware developed in order to be equipped with authentication accounting centralised system LUMEN™ by Guglielmo.

GL100 can be used to authenticate any device, fixed or portable, as long as it owns an account LUMEN™ by Guglielmo.

Furthermore GL100 provides a sophisticated coding system, XML protocol based, which ascertains the connection security of every single transaction, in order to fulfil the WISPr recommendation.

Main Features

- Dynamic addresses configuration
- Certified SSL support authentication browser based
- DHCP Server, DHCP Client
- Radius client
- Automatic redirection of authentication page
- Support LUMEN-SMTP™ (automatic Redirection of outgoing email)
- Full handling AAA (Authorization, Authentication and Accounting)
- Non-browser based device authentication (as Wi-Fi handsets)
- Multi accounting handling with Scratch Card, SMS or Smart Client
- Full roaming support
- VPN platform support for management aims
- Access Point remote management within the subscriber network

Technical Specifications

Network interface:	5 Port Suscriber, 1 Port Network 10/100Base-T Ethernet, RJ-45 (UTP)
Media Access control:	CSMA/CA
Wireless interface:	802.11b/g
Antenna:	3dBi omni-directional (optional)
Power Over Ethernet:	802.3af
VLAN and VAP	802.1q with multiple SSID
Security:	<ul style="list-style-type: none">• WPA/WPA2 (802.11i)• Layer 2 Isolation• User bandwidth limitation• 256-bit WEP• MAC address filtering
Main supply:	220Vac 50Hz
Temperature:	-5°C÷+39°C
Certification:	CE, EN300328, EN301893, EN301489-1, EN301489-17
Compatibility:	Ascertained with all Wi-Fi™ Certified devices
Dimensions:	180x120x70mm
Weight:	480g
Mounting:	Slides for Rack 19"
Leds:	<ul style="list-style-type: none">• Power Indicator• 10/100 Ethernet: Subscriber• 10/100 Ethernet: Network• 802.11b/g Wireless: Subscriber



wireless internet service provider

Guglielmo s.r.l.
Strada Parma 35/A, 43100 Pilastro di Langhirano (PR)
www.guglielmo.biz | info@guglielmo.biz

Guglielmo S.r.l. isn't liable and cannot be sue for document contents that could change without any notice
Copyright © 2010 Guglielmo