

GL200

THE PERFECT SOLUTION TO
CREATE HOTSPOT IN
METROPOLITAN AREAS

The GL200 is a network gateway developed to implement the features of the LUMEN authentication system of Guglielmo either on urban areas and densely populated areas.

The GL200 can be used to authenticate every device, which has a valid account LUMEN by Guglielmo. It has a sophisticated encoding system based on the use VPN SSL and RADIUS, which guarantees the safety of every connection in according with WISPr rules.

The GL200 can manage up to 200 simultaneous access requests, possibly expandable in cluster in high availability configuration.

Main features

- Radius client
- DHCP Server, DHCP Client, DHCP relay
- NAT (PAT) in LAN and WiFi interface
- Static routes support
- Support n. 6 VLAN in according to the standard IEEE 802.1q
- Complete management AAA (Authorization, Authentication and Accounting
- Automatic redirection to the Multilanguage authentication page in https with valid SSL certificate (not self-generated)
- Web portal involved in authentication procedures customizable
- Authentication device on MAC address on remote central
- Authentication devices using local internal database
- Creation of tunnel VPN with central platform for service traffic : authentication, monitoring and management
- White list: list of reachable hosts defined as URL, IP or subnet address
- Black list: list of unreachable hosts defined as URL or IP address. Potentially different for every point. It is automatically and dynamically updated in centralized way
- Internal list of banned devices or not authorized to browse
- Redirection after authentication to the requested website or to other web site with configurable URL
- Bandwidth limiting for user
- Configurable integrated firewall
- Reachability from centralized platform by web or SSH, by tunnel VPN
- SNMP support
- Proxy HTTP integrated
- Content filtering applicable



Technical specifications

Network interface:	n. 2 ports LAN 10/100Base-T Ethernet, RJ-45
Assembly:	rack 19"
Serial interface:	RS232
VLAN:	IEEE 802.1q
Supply:	220 Vac 50 Hz
Consumption:	15 W
Temperature:	-10°C÷+ 65°C
Certification:	CE, EN300328, EN301893 , EN301489-1, EN301489-17, ROHS
Compatibility:	tested compatibility with all certified WiFi devices
Dimension:	278x204x43 mm
Weight:	1500 g
Led:	3 leds (Status, Network, Activity)

Network management

Remote Management:	HTTPs, SSH , SERIALE, VPN
NTP Synchronization:	RFC 1305
Syslog:	Remote Activity Syslog
Reset:	Remote reset /Manual reset
Firmware Upgradeable:	Remote Firmware upgrade via HTTPs, TFTP



Wireless Internet Service Provider

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