

TECHNICAL SPECIFICATIONS



Chipset	MT7621 dual-core
Protocol	IEEE 802.11a/b/g/n/ac, IEEE 802.3, IEEE 802.3u
RAM	512 MB
Network Interfaces	n. 4 LAN + n. 1 WAN 100/100M/1000M RJ45 interface
Wireless frequency band	2.4GHz&5GHz dual frequency
Wireless speed	1200 Mps
Flash	16MB
Button	n. 1 reset button
Power supply	DC 12V/2.5A
Antenna	n. 4 omni SMB antenna
Working temperature	0°C ~ 40°C
Working humidity	10% ~ 90%RH non-condensing
Storage temperature	-40°C ~ 70°C
Storage humidity	5% ~ 90%RH non-condensing
Size	23.6 x 16.5 x 2 cm

MAIN FEATURES

- VPN to Guglielmo Cloud
- Full Support of Layer 2 (switched)
- Radius Client
- Complete management AAA (Authorization, Authentication and Accounting)
- DHCP Server, DHCP Client
- NAT (PAT)
- Support of VLAN and IEEE 802.1q trunk
- Redirection to customized login portal
- Management and Authentication traffic on HTTPS with valid SSL certificate (not self-generated)
- White list: list of URLs, IP addresses or subnets reachable before the authentication, dynamically updated
- Black list: list of unreachable URLs or IP addresses, dynamically updated
- Redirection after authentication to the requested web site or to other web site with configurable URL
- Configurable integrated firewall
- Content filtering applicable
- Configurable traffic shaping
- Centralized platform for Firmware Upgrade
- Passwordless authentication
- Multiple SSID WiFi with/without WPA2
- Three different network configurations:
 - LAN+WiFi
 - Bridge
 - Bridge+WiFi
- Selfie
- Simple Wizard for configuration
- Analytics (Network Intelligence, DNSense, Presence)

SERVICES

LUMEN™ module provides extremely flexible services for the hotspot management, such as users authentication and policy enforcement.

Caligoo™ module provides services for Business Intelligence and Network Control, implementing a deep interaction with mobile App or external applications, for advanced services such as automated login procedures, notifications and QoS policy enforcement.