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WE ENGINEER CONNECTIVITY

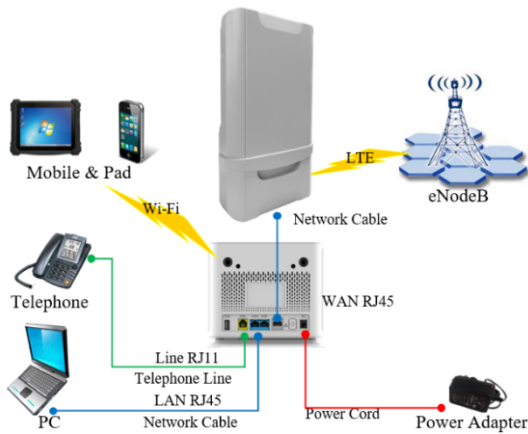


GWG-136WV Advanced Indoor PoE Router

CONVENIENT BROADBAND WIRELESS ACCESS

GWG-136WV is a highly advanced indoor PoE router specifically designed to interface LTE Advanced and 5G outdoor devices and provide integrated data, voice and Wi-Fi access needs for residential, business and enterprise users. The product supports advanced networking, VoIP gateway and dual band WLAN AP functionalities. The PoE WAN feature makes it simple to power the 4G/5G ODU unit and provide wide service coverage, high data throughput and networking features to customers who needs easy broadband access, low cost VoIP service and Wi-Fi connectivity.

RELIABLE PERFORMANCE



GWG-136WV provides 1 PoE WAN, 2 Gigabit LAN Ports, 1 RJ11 phone port, high performance 802.11b/g/n/ac dual band Wi-Fi and software firewall for security, providing an effective all-in-one solution to SOHO or residential customers.

The product also have built-in support for Global Telecom's LTE outdoor device connected to display 4G information about the outdoor device.

EASY USAGE & MANAGEMENT

GWG-136WV is a user-friendly and easy to setup router device. The WAN interface provides optional PoE support for outdoor device and make it easy to connect wireline or wireless outdoor device that requires PoE support. The LEDs on the MG2000 have also been designed for user convenience, and offer a clear sign of what the device is doing. The compact design is well suited for enterprise and residential user.

The GWG-136WV offers rich management features which facilitate the task of service provider. It supports local management access, Telnet, WEB, and centralized remote OTA configuration, upgrades management and device monitoring via standard TR-069 ACS systems.

TECHNICAL FEATURES

GWG-136WV provides sophisticated router functions and VPN support. Its dual band WiFi and VoIP functions makes it to offer all in one service package to end customer. The optional WAN PoE support provides flexibility to connect wired line or PoE powered 4G unit.

Empowered by NAT hardware acceleration, the device provides robust multiuser capability and offer exceptional performance.



- ◆ Cost effective & compact design with built-in high gain dual band Wi-Fi antenna
- ◆ Dual Gigabit LAN ports & one RJ11 VoIP
- ◆ High performance 802.11b/g/n/ac dual band Wi-Fi support
- ◆ Advanced router and bridge networking support
- ◆ IPv4 & IPv6 networking support
- ◆ WAN fail over support
- ◆ Built-in VPN and L2/L3 GRE client support
- ◆ Built-in IPsec client support
- ◆ FTP, HTTP and SNMP, TR-069 management support
- ◆ Remote diagnosis support including Iperf, Ping and trace-route

FEATURES AT GLANCE



GWG-136WV PoE Router Specification

Physical

Dimensions	170mm x 138mm x 55mm
Weight	350g
WAN PoE	48V Passive PoE
Power Consumption	< 20W
Power Supply	48V/0.5A DC

Environmental

Operating Temperature	-20°C--55°C
Storage Temperature	-30°C--85°C
Humidity	90% max Non-condensing

Wi-Fi Interface

Radio Access	802.11b/g/n (300 Mbps) 802.11ac (867 Mbps)
Output Power	12 - 18dBm
Antenna	3-5dBi built-in antenna
Security	64/128-bit WEP, WPA/WPA2

User Interfaces

PoE WAN Interface	1 RJ45 10/100/1000M ETH (PoE)
LAN Data Interface	2 RJ45 10/100/1000M ETH
Voice Line Interface	1 RJ11/FXS Line
USB Interface	1 USB 3.0
LED Indicators	SYS, NET, SIG, 2.4GHz Wi-Fi 5GHz Wi-Fi, LINE,

Networking Configuration

DHCP or Static IP address Assignment
Bridge and Router Operation Support
Built-in DHCP Server for LAN Devices
IPv4, IPv6 DS-Lite Support for LTE
NTP Service Support

Data Networking Features

VPN Pass-through support (PPTP, L2TP & IPsec)
Built-in L2TP & GRE L2/L3 Tunneling Client
Firewall & Access Control
DMZ and Virtual Server Support
IP and Port Filtering Support
Local and Remote Management Restriction
Application Firewall Support
LAN Device Access Control
WAN failover support

VoIP Processing

Compression	G.711	G.721	G.723
	G.726	G.729	G.722
Comfort Noise	Comfort noise generation & control		
Echo Cancellation	G.165/168-2000		
Silence Handling	Silence detection/suppression		
Fax Support	T.30 and T.38		
Delay/Jitter/Loss	Jitter and packet loss compensation		
DTMF Relay	In band DTMF, RFC2833, SIP signal		
Call Duration	24+ hours Uninterrupted Call		

Voice Services

Basic Voices

Local, domestic & international calling
Flexible dial plan configuration support
Tone customization for different countries

Complementary Services

Caller ID, Caller ID suppression, Call Screening,
Speed dial, Call Tracing, Hotline, Unconditional
call forwarding, Call Forwarding No Answer, Call
Forwarding on Busy, Call Waiting, Call Back, Call
Blocking, No Disturbance, Alarm, Network and
Local 3-way Call, Data Call, and etc.

Device Management

CLI, Telnet and WEB Management Interfaces
Standard SNMP Management
Standard TR-069 Management
Device Factory Default Setting

Industry Standards

IEEE

IEEE 802.3	10Base Ethernet
IEEE 802.3u	Fast Ethernet
IEEE 802.3ab	1000Base Ethernet
IEEE 802.11	Wireless LAN (802.11b/g/n/ac)

IETF

IP voice	SIP v2.0
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Other

FCC or CE



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