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VG007
Pocket VoIP

POCKETOFFICE

Product Overview

VG007 integrates the functions of VoIP adapter, Wireless AP, Wireless client and Broadband router into one fashionable and compact device. This versatile device can be used to meet the needs of the user and the requirements of the working environment.

When no AP is present, the VG007 can function as an AP, allowing users to have wireless access. Should a user wish to use existing AP, the VG007 can also easily act as an AP client.

In addition, this versatile device works as a router giving users extra functions like broadband sharing, QoS and additional security.

The VG007 still has more to offer with a variety of options to make VoIP calls. Connect an analog phone to a RJ-11 port and the VG007 becomes a personal gateway. For other options, use a Wi-Fi phone in AP mode or an IP phone directly connected a RJ-45 port to make VoIP calls.

Pocket Office

Key Features and Benefits

4-in-One Device
VG007 integrates the function of VoIP adapter, Wireless AP, Wireless client and Broadband router into one fashionable device. High-speed broadband internet connection and high quality telephone service for wired and wireless users everywhere. VG007 is the smallest device in the world that provides such rich features. VoIP users have the option to connect an analog phone into the FXS interface for low cost telephone calls. For wireless, users can choose either mode based on their desires and requirements. Or, as a broadband router, users are able to share their broadband connections.

High Portability
VG007 package contains a traveler pack, which allows users to carry VG007 and all its accessories, including cables and power adapter into one simple package. The specially designed power adapter provides swappable plug for user to choose from US or EU standard.
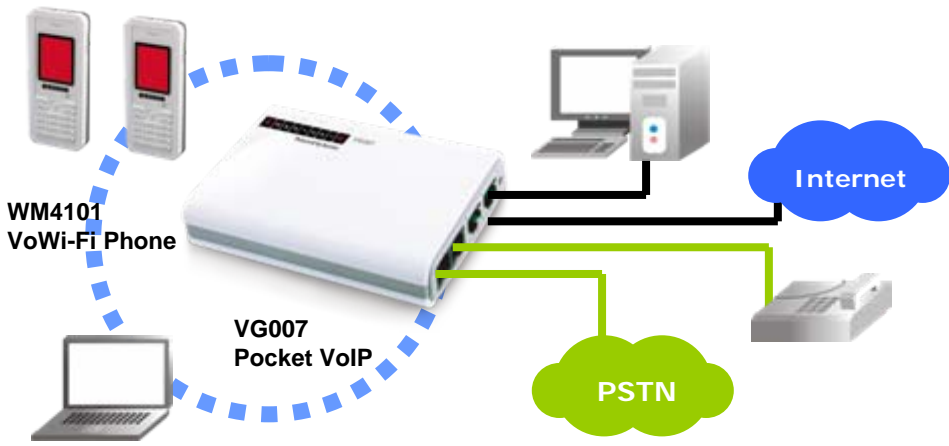
Life Line
With a built-in FXO port, users can easily converge PSTN with a VoIP network. Furthermore, in the case of power outage, PSTN connection is still available through the life line function.

User Friendly Configuration
There is no complicated setting required, just simply plug-and-play. When users change working environments or VG007 applications, they can alter configurations in the user friendly web interface.

Enhanced Security
Advanced WEP and WPA2 encryptions secure privacy while using a public hotspot network. Plus wireless SSID broadcast on/off feature acts as an added safeguard. Moreover, Stateful Packet Inspection (SPI) firewall and Network Address Translation (NAT) furthers the defense against malicious Internet hackers.

**WM4101
VoWi-Fi Phone**

**VG007
Pocket VoIP**

Internet

PSTN

Features

Physical Ports

1 x WAN port with auto-sensing 10Base-T/100Base-TX
1 x LAN port with auto-sensing 10Base-T/100Base-TX
1 x FXS port
1 x FXO port
1 x Reset Button
WLAN: IEEE 802.11 b/g compliant
LEDs: PWR/DIAG, Wi-Fi, Internet

Performance

Line Speed for LAN and WAN port
RF output power
■ 802.11b: 18dBm
■ 802.11g: 15dBm
RF data rate (automatic fall back)
■ 802.11b:1/2/5.5/11Mbps
■ 802.11g:6/9/12/18/24/36/48/54 Mbps

Gateway Features

NAT/NAPT: Hardware NAT offers 100Mbps system performance
DHCPDHCP Client/Server
Suggested LAN Users: 4
PPPoE
■ Dynamic/Static IP address
■ Dial On Demand/Maximum Idle Time
Host name/Domain name
■ Service name in PPPoE setting
■ Domain name in LAN setting
DNS
■ Dynamic DNS
■ DNS Relay
Routing: 10 Static routes
Syslog
■ Display access log
■ Save log to PC via Web
Virtual DMZ/Virtual Server
VPN passthrough Supported: L2TP, PPTP and IPSec
UPnP: UPnP/IGD
SNTP
QoS
■ 2 priority queues
■ QoS support DSCP
IEEE802.1X (WLAN): Authenticator
EAP: TLS
RADIUS: Client
Diagnostics Capabilities: Self-test for hardware components

Power Supply

Input AC: 100-240V 0.3A, 50-60Hz
Output DC: 5V/1A Max

Emissions/Safety

Safety: UL/cUL (UL60950), CB EN60950
EMC: FCC Part 15B Class B, FCC Part 15C, FCC Part 68, CE
EN55022 Class B
EMS: CE EN55024, CE EN300328, CE EN301489

Management

Web-based management
Firmware upgrade via web
Auto firmware upgrade via TFTP

VoIP Features

Voice Signaling Protocol: SIP v2
Voice Codec: G.711 a-law/u-law, G.726, G.729A/B
Outbond Proxy Configuration
Voice Quality
■ VAD (Voice Activity Detection)
■ CNG (Comfortable Noise Generation)
■ Echo Cancellation (G.165/G.168 echo canceller)
■ Adaptive Jitter Buffer
■ DTMF tone detection and generation,
■ Call Progress Generation
Call Features
■ Call Transfer
■ Call Waiting/Hold/Retrieve
■ 3-way Conference Call
■ Call ID Number & Name
■ T.38 Fax Relay
■ E.164 Dialing Plan
■ Do not Disturb Setting
■ Call Return
■ Call Forwarding: No Answer/Busy/All
■ Last number repeat dialing

Wireless Features

Wireless: IEEE 802.11b/g
3 modes
■ Gateway mode (default)
■ AP Mode
■ Client mode
QoS: 802.11e(WMM)

Security

Gateway
■ Stateful Packet Inspection (SPI) firewall
■ DoS attack prevention
■ IP filtering
■ Port filtering
■ MAC filtering
Wireless
■ IEEE 802.11i (WPA2)
■ WPA (TKIP)
■ WEP
 • 64/128-bit Encryption
 • Passphrase
 • Manual Key – Hex
 • Manual Key – ASCII
■ SSID (Service Set Identifier)
■ SSID Broadcast Disable
■ Restrict Access by MAC

Dimensions

(HxWxD): 24.7 mm x 107.5 mm x 78.67 mm

Environment

Temperature: IEC 68-2-14
■ -10°C to 50°C (Standard Operating)
■ -40°C to 70°C (Non-operation)
Humidity: 5% to 95% (Non-condensing)
Vibration: IEC 68-2-36, IEC 68-2-6
Shock: IEC 68-2-29
Drop: IEC 68-2-32

Ordering Information

Contents of the Package

VG007 Pocket VoIP
AC Adaptor
Management guide (CD)
Installation guide (Hard Copy)
Universal Adapter Pack (USA and Europe plug)
Cable Kit (RJ-11 cable, RJ-45 cable)
Traveler Case

Ordering Information

Model Number.: VG007
Part Number.: FCG382211001E