

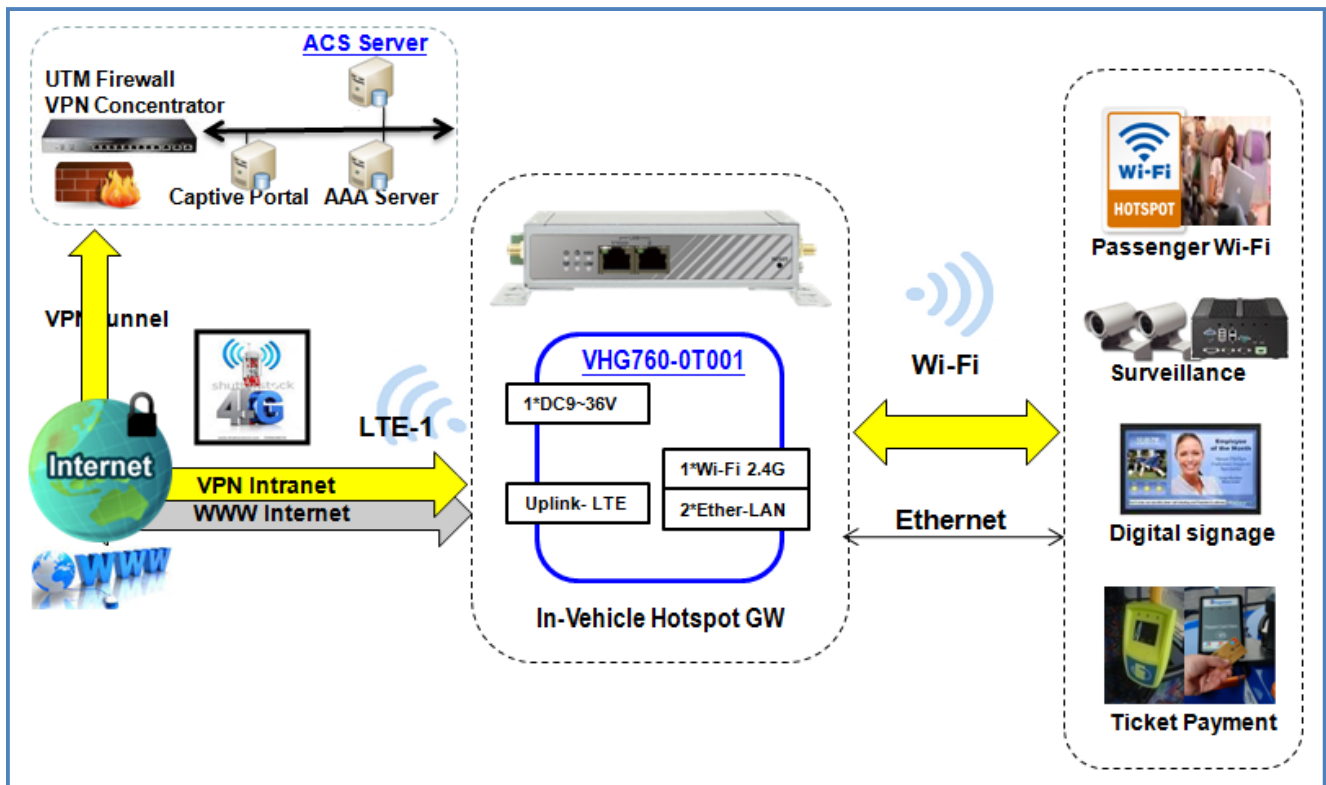
In-Vehicle Series

VHG760-0T001 In-Vehicle Hotspot GW

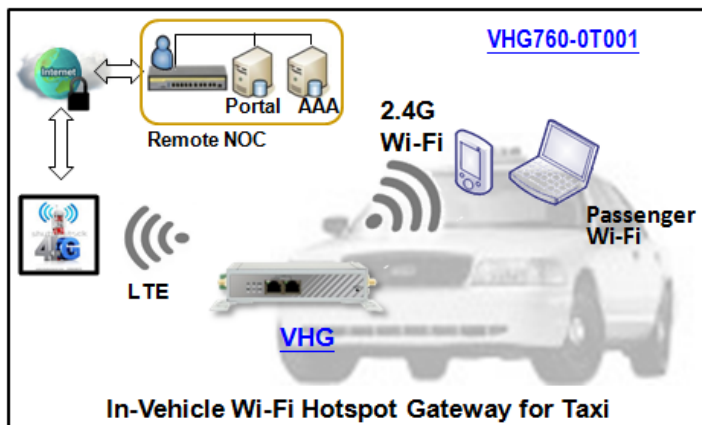
Feature Sets:

- In-vehicle hotspot cellular gateway for Moving Vehicle and Mobile Office applications.
- 1* embedded LTE module for high speed cellular network access.
- WiFi Compliance N300; Multiple (8) SSIDs for privilege group users.
- 2* FE LAN ports with tag based and port based VLANs easily to group control and relocate traffic pattern.
- Fully protocol stack for both IPv4/IPv6, afford 128 users and 50,000 concurrent sessions.
- IPSec, PPTP, and L2TP VPN support up to 8 concurrent tunnels with max 70Mbps throughput (IPSec).
- Firewall with SPI and IPS prevent hacker attacking and enhance network efficiency.
- SNMP, Telnet CLI, and TR-069 for administrator to manage system.
- QoS and Bandwidth management for optimal bandwidth usage.
- ISO7637 compatible 9V~36V power input. Rugged metal case with vibration and shock proof, bracket mounting kit, easy to install in various place.

Connection Diagram:



Applications:



Application: To deploy a cellular hotspot gateway for In-Vehicle hotspot application

Description:

- The easiest way to deploy a In-Vehicle hotspot gateway for providing passenger Wi-Fi hotspot, or other value-added service in a moving vehicle, like Taxi.
- With LTE as internet connection, it is plug and play without geographic limit.
- The most cost-effective product for you with robust design for secure internet access, variable voltage range, wide temperature range.

Specifications¹:

Device Interfaces

Uplink:	1*embedded LTE (single SIM)
LAN-RJ45:	2*RJ45 FE
LAN-Wi-Fi:	11n 2T2R
3G/4G Band ² :	LTE: 800/900/1800/2600 MHz, UMTS: 900/2100 MHz
Antenna ³ :	2*SMA for external LTE ant., 2*R-SMA for external Wi-Fi ant.
Power Source	DC 9V~36V

WAN Functions

WAN:	3G/4G WAN
Cellular:	2G/3G/LTE IPv4/IPv6, IP Pass-through
IPv6:	Dual Stack, 6-in-4, 6-to-4, Dynamic, Static

Basic Functions

Ethernet:	LAN IP, Subnet Mask
WiFi System:	802.11n 2T2R MIMO 300Mbps (2.4GHz)
WiFi Operation:	AP Router, WDS, WDS Hybrid Modes
Mode & Func.:	Multi SSID, WPS, WMM
WiFi Security:	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK, 802.1x
VLAN:	Port-based, Tag-based
NAT:	ALG, Special AP, DMZ Host, Virtual Server/Computer, PPTP/L2TP/IPSec Pass Through
Routing:	Static, Dynamic: RIP1/RIP2, OSPF, BGP

Management

Configuration:	Web UI, Telnet CLI
Network:	SNMPv3, TR-069
Event & Handler:	SMS, Syslog, SNMP Trap, Email Alert, Reboot

Cellular Functions

APN Mgmt.:	Auto-Detection, User Defined Priority, Manual
Network Scan:	Operator/Service Type/Band Selection
Data Plan:	Monitor, Notify, Connection, Restricted
SMS:	Send, Receive, Forward, Event Notify, Device Management
USSD:	Manual/USSD Profile

Advanced Functions

Firewall:	SPI Firewall with Stealth Mode, IPS
Access Control:	Packet Filters, URL Blocking, MAC Address Control
QoS & BWM:	Policy-based Bandwidth Control and Packet Flow Prioritization
VPN Tunneling:	IPSec, PPTP, L2TP, GRE, Open VPN, DMVPN, L2TP over IPSec; Tunneling with Full Tunnel
VPN Scenario:	Site to Site, Site to Host, Host to Site, Host to Host, Hub and Spoke, DMVPN, Dynamic VPN

Systems

System:	Status & Statistics, Tools, Scheduling, FW Upgrade, Backup & Restore Settings, Watch Dog
User Auth.:	Captive Portal, RADIUS, X.509
Grouping:	Group by Host, File Extension, Application

Environment

Operation Temp.:	-20 °C ~ 60 °C
Storage Temp.:	-40 °C ~ 85 °C
Humidity:	10% ~ 95% (non-condensing)

1. Specifications are subject to change without advanced notice.
2. Supported frequency band is dependent upon regional hardware version.
3. External antennas are optional accessories, not included in the product package.

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