



VH-4GW

4G LTE Vehicle Gateway with WiFi

- Cellular Gateway for vehicle LTE-Fi Hotspot applications
- 802.11n 2Tx2R with 3dBi detachable Antenna
- Detachable 4G antenna
- 4G/3G , WAN Load Balance
- Fully protocol stack for both IPv4 and IPv6,
- VPN supported
- Captive Portal Supported
- QoS and Bandwidth management
- SNMP, Web, and TR069 for administrator to manage system
- Power input range from 9V ~ 36Vdc for vehicle battery



HotSpot Services for Vehicle passengers

The VH-4GW is the easiest way to deploy Wi-Fi hotspot services. There is no limitation on wiring distance or location of Internet source. It is ready for deployment in any locations. Furthermore, it support 802.1X, UAM server, and URL redirection for easy integration with the operator's authentication network.



Versatile Management

The VH-4GW can be managed via Web, TR069, SNMP, and CLI commands. It provides the operators their preferred way for managing the device.



Secured VPN Connection

The VH-4GW's VPN function provides secure video transmission over VPN encryption. Therefore, you do not need to worry about leaking sensitive information and keep live video image from prying eyes. Administrators has the choice of using IPsec, PPTP, L2TP, or GRE protocols for encryption.



SMS Short Message

The VH-4GW allow the administrators to send basic commands and get status via SMS message. Therefore, the operators do not need to know the device's IP address and still able to do simple managements and check status with the VH-4GW.



Specifications

AirLive VH-4GW

Chipset

- MDM9215 (3G/4G)

WAN

- LTE Band:1/3/7/8/20/40
- 3G Band : 900/2100Mhz
- 10/100M WAN Port x 1

LAN Port

- 10/100M (Auto-MDI/MDI-X) UTP Port x 1

Antenna

- 2 X 3 dBi SMA Onmi Antenna (LTE)
- 2 X 5 dBi R-SMA Onmi Antenna(2.4G)

WiFi Frequency

- 2.4G: 2.4000~2.4835GHz

WiFi Operation Mode

- AP Router
- WDS
- WDS Hybrid Modes

Wireless Security

- WEP
- WPA-PSK
- WPA2-PSK
- WPA-Radius
- 802.1x

Software

- Ethernet/ 3G,4G Load Balance or FailOver
- IPv6: 6-in-4, 6-to-4
- Multi-SSID
- WPS
- WMM
- VLAN
- NAT: ALG, Special AP, DMZ Host, Virtual Server, PPTP, L2TP, IPsec Passthrough

- DDNS
- Pacaket Filters
- URL Blocking
- Web Content Filter
- MAC Address Control
- Application Filter
- QoS and Band Width Management
- VPN Tunneling: IPsec, PPTP, L2TP, GRE VPN, L2TP Over IPsec
- VPN Scenario: Site to Site, Site to Host, Host to Site, Host to Host, Dynamic VPN
- Redundancy: VRRP
- Captive Portal
- Status & Statistics
- Scheduling
- FW upgrade
- Backup & Restore Setting

Management

- Web
- Telnet
- SNMP
- SMS
- TR-069

WiFi Output Power (EIRP)

- ETSI: 2.4GHz : 19 ± 1dBm

WiFi Receive Sensitivity

- 2.4GHz: -90±2dBm

Power Supply

- DC 9~36V

Temperature

- Operating: -20~60 °C
- Storage: -40~85 °C

Humidity

- Operating: 10~90% (Non-Condensing)
- Storage: Max.95% (Non-Condensing)

Certification

- CE

Ordering Information:

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