AirLive Wireless Devices

- Product Features and Solutions

- Product Table

AirMax 4GW Product Features
Long Distance and High Speed WiFi

4G LTE Module Built-in

- Install the AirMax4GW anywhere and connect to internet anywhere via 4G LTE or 3G UMTS.

300Mbps 802.11b/g/n

- Share 4G/3G internet connection through WiFi or Ethernet.
- The large 7dBi MIMO directional antenna delivers clear 2.4GHz WiFi signal over large areas.

Hardware VPN

- Build secure and encrypted video stream through VPN connection.

Lan Port and PoE

- Power the devices by PoE.
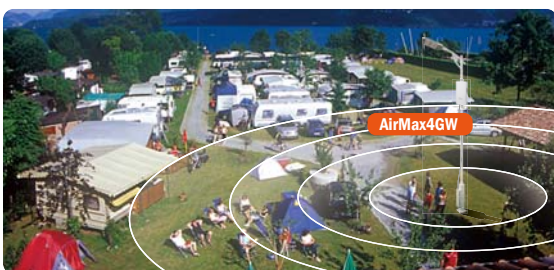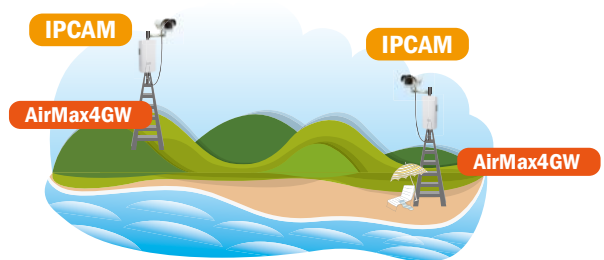- Connect with IP cameras and other networking devices via LAN port.

Hotspot Deployment

There is no limitation on wiring distance or location of Internet source and easy integration with the operator's authentication network.

Remote IPCAM Installations

It connects the IP cameras to remote recording server and let users do video live view anywhere from Internet. The built-in VPN function is secure.

Internet Service for Outdoor Events Quick Deployment

Its powerful and sensitive antennas can receive 4G/3G signal far better than mobile phones and deliver the WiFi over large area.
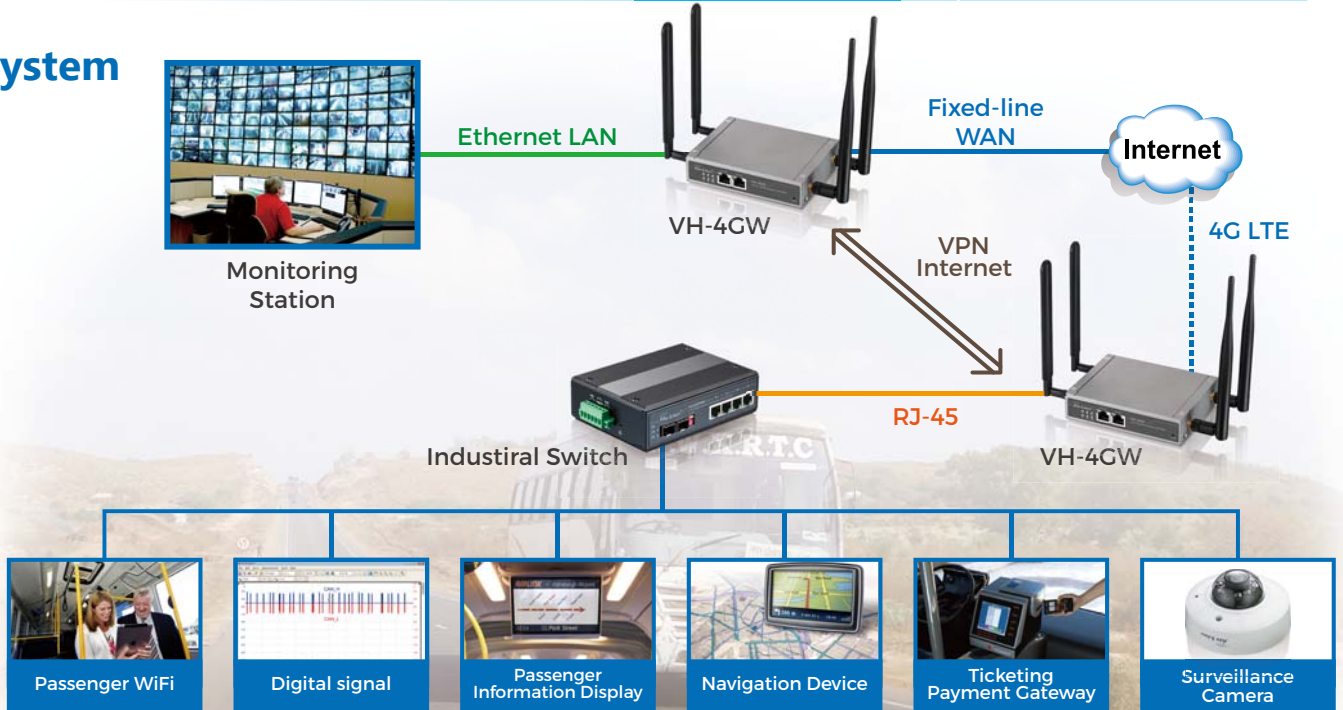

Versatile Management

The AirMax4GW can be managed via Web, TR069, SNMP, and CLI commands. It provides the operators their preferred way for managing the device.

VH-4GW Product Features and Vehicle Solution

Vehicle

System

Monitoring Station

Ethernet LAN

VH-4GW

Fixed-line WAN

Internet

VPN Internet

4G LTE

RJ-45

Industiral Switch

VH-4GW

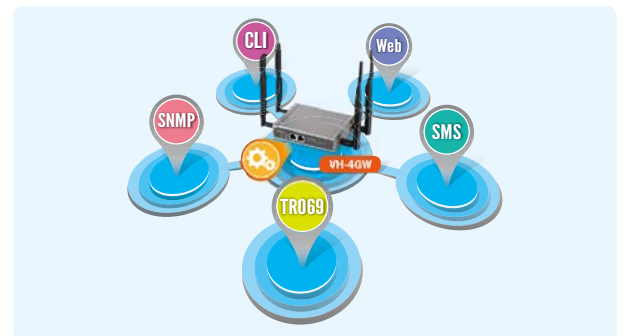| Passenger WiFi	Digital signal	Passenger Information Display	Navigation Device	Ticketing Payment Gateway	Surveillance Camera

HotSpot Services for Vehicle Passengers

There is no limitation on wiring distance or location of Internet source. It is ready for deployment in any locations.
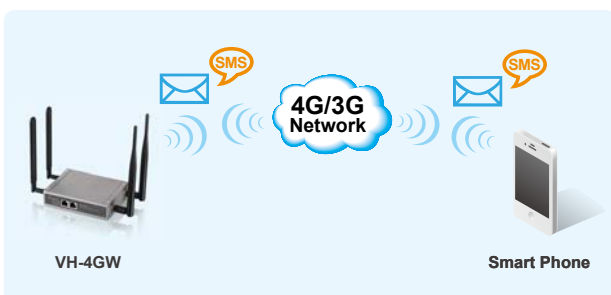
VH-4GW

NB

Landing Page

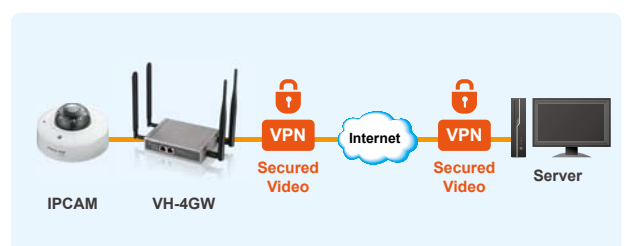## SMS Short Message

AirLive VH-4GW allows the administrators to send basic commands via SMS short message without device's IP address.

SMS

SMS

4G/3G Network

VH-4GW

Smart Phone

Versatile Management

To provide operators versatile abilities to manage their devices.

CLI

Web

SNMP

SMS

VH-4GW

TR069

Secured VPN Connection

AirLive VH-4GW with VPN support function to provide video transmission.

VPN

Internet

VPN

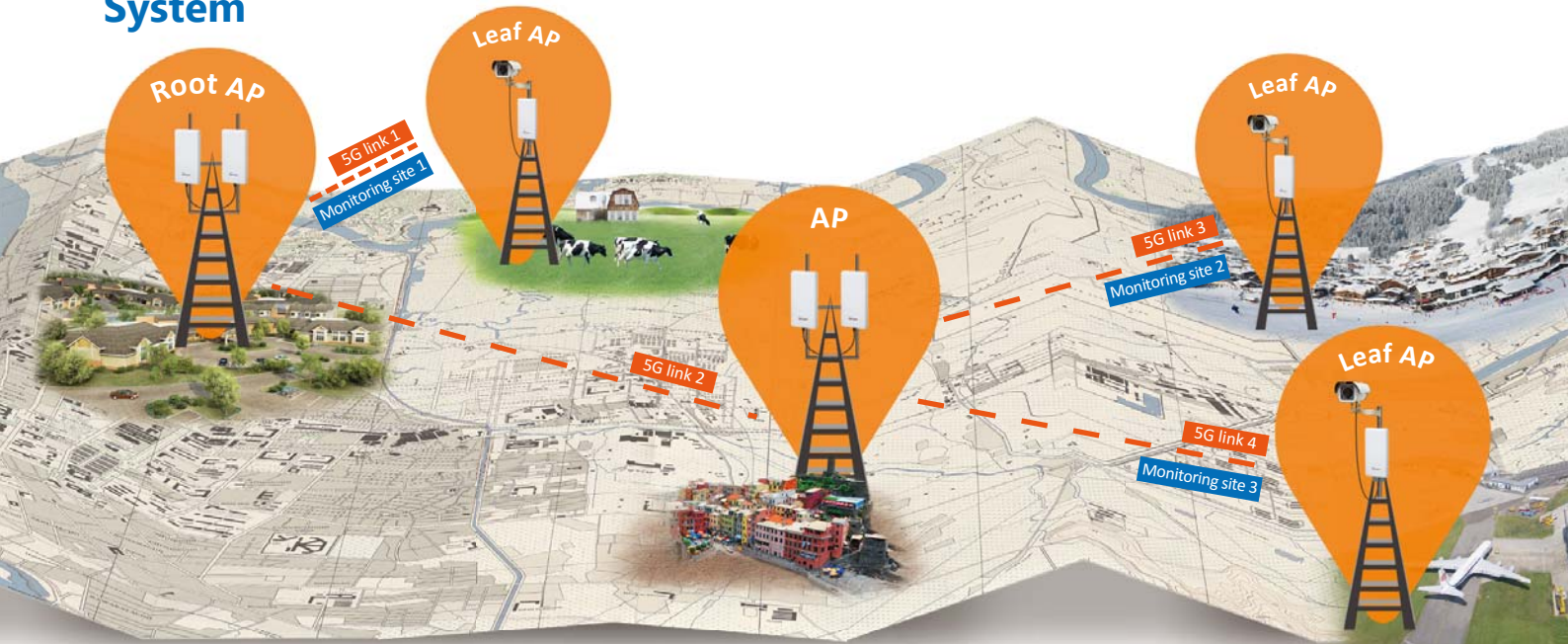Secured Video

Secured Video

Server

IPCAM   VH-4GW

AirMax5X/5X-20 Product Features and Solution

System

Long Distance & High Speed Transmission

- With the integrated directional 2T2R 14dBi 5GHz MIMO antenna and high output power AirMax5X/5X-20 signals can be transmitted to a long distance 10km /20km.
- The high transmission power and high gain provides longer distance and better signal; according to the field test, the throughput can be up to 77Mbps at 10km.

PoE Pass-through

- No extra power source needed with its built-in advanced 48V Power over Ethernet.
- The deployment and reaches the green environment standard by less cabling.

Multiple Operation Modes

- AirMax 5X can function as an AP, WDS station, WDS + AP, client infrastructure, WISP router or AP router.

Bandwidth Management

- AirMax 5X provides the capabilities to control user's bandwidth.
- Define varies classes of connection speed for different subscription.
- Ensure the data and video transmission smoothly.

AirLive Central Wireless
Central Management Software for AirLive Wireless APs

Device Discovery

- Discover AirLive wireless devices even if the device is in different IP Subnet from your PC.
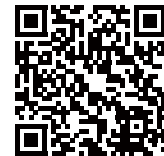
Change Configurations

- Configure and change wireless keys, SSID, network settings, and virtually all the important function of the AP.

Intuitive Interface

- AirLive Central Wireless features the easiest to use user's interface. Don't take our word for it. Please watch a video demo by scanning the QR Code.

Suggest Wireless Devices

- Change wireless configurations or do firmware upgrades across multiple APs.

AC.TOP
1200Mbps 802.11AC Dual Band AP

- Ceiling Mount Housing
- 2T2R 11n + 2T2R 11ac Concurrent Dual Band
- Extra Wide Wireless Coverage Radios up to 64 users
- Mulitple Wireless Modes
- Gigabit PoE LAN Port

N.TOP
300Mbps 802.11N AP

- Ceiling Mount Housing
- 2T2R 11b/g/n Radio
- Extra Wide Wireless Coverage Radio
- 802.3 af PoE LAN Port
- Mulitple Wireless Modes

AC-1200R
1200Mbps 802.11AC Dual Band AP

- Desktop Housing
- 2T2R 11n + 2T2R 11ac Concurrent Dual Band
- Detachable Antennas
- Connnectors
- 5 Gigabit LAN Ports
- Mulitple Wireless Modes, such as router, AP

AC-1200UR
1200Mbps 802.11AC AP Router with USB

- Desktop Housing
- Multi-Function USB Port
- 64 Concurrent Users
- 5 Gigabit LAN Ports
- Detachable Antennas
- Multiple Wireless Modes, such as router / AP

Wireless Device

Type	4G Gateway	
	AirMax4GW	**VH-4GW**
4G Spec		
LTE Band	3/7/8/20	1/3/7/8/20/40
3G Band	900/2100	900/2100
No. of Sim card	2 (Fail Over only)	1
Antenna Gain	3dBi onmi	detachable 3dBi onmi
WLAN		
Radio	802.11a/n	802.11a/n
Max Speed	300Mbps	300Mbps
Max Output Power	20dBm	20dBm
Antenna Gain	10dBi	detachable 5dBi onmi
Antenna Connector	-	-
Hardware Interface		
WAN Port	-	1
10/100 LAN port	1	1
Power Input	802.3AT PoE	DV9~36V
PoE Passthrough	-	-
Software Features		
IP Wizard	●	-
AP Router Mode	●	●
Client Mode	-	-
University Repeater	-	-
WDS Repeater	-	-
WDS Only	●	●
WISP Router	-	-
WISP Repeater	-	-
MultiSSID	-	-
PPPoE	-	●
Load Balance	-	●
VPN Server/Client		
PPTP	●	●
L2TP	●	●
IPSec	●	●
IPSec Dynamic VPN	●	●
IPSec Site to Site	●	●
IP rating	IP55	-

Type	WiFi CPE		
	AirMax2	**AirMax5X**	**AirMax5X-20**
WLAN			
Radio	802.11b/g	802.11a/n	802.11a/n
Max Speed	54Mbps	300Mbps	300Mbps
Max Output Power	26dBm	24dBm	27dBm
Antenna Gain	10dBi	14dBi	14dBi
Antenna Connector	1 *RSMA	-	-
Hardware Interface			
10/100 LAN port	1	2	2
PoE	Passive	Passive 48V	Passive 48V
PoE Passthrough	-	●	●
Software Features			
IP Wizard	●	●	●
AP mode	●	●	●
AP Router Mode	●	●	●
Client Mode	●	●	●
University Repeater	●	-	-
WDS Repeater	●	-	-
WDS Only	●	●	●
WISP Router	●	●	●
WISP Repeater	●	-	-
MultiSSID	●	-	-
PPPoE	●	●	●
VPN Passthrough			
PPTP	●	-	-
L2TP	●	-	-
IPSec	●	-	-
IP rating	IP65	IPX5	IPX5

Wireless Device

Type	AP Router					
	AC-1200R	AC-1200UR	N.TOP	AC.TOP	WL-5460AP v2	WLA-5200AP
WLAN						
Radio	802.11ac/n+b/g/n	802.11ac/n+b/g/n	802.11b/g/n	802.11ac/n+b/g/n	802.11b/g	802.11a/b/g
Max Speed	1200Mbps	1200Mbps	300Mbps	1200Mbps	54Mbps	54Mbps
Max Output Power	23Bm	23Bm	27dBm	23Bm	26dBm	20dBm
Antenna Connector	2 *RSMA	2 *RSMA	2 x Internal	4 x Internal	1 *RSMA	1 *RSMA
Hardware Interface						
WAN Port	Giga	Giga	-	-	1	1
10/100 LAN port	-	-	1	-	1	1
10/100/1000 Giga LAN	4	4	-	1	-	-
USB Port	-	1	-	-	-	-
WPS Button	●	●	●	-	-	-
USB 2.0	-	●	-	-	-	-
PoE	-	-	802.3 af	802.3 at/af	-	-
Software Features						
AirLive Central Wireless Management	●	●	●	●	-	-
IP Wizard	●	●	●	●	-	-
AP mode	●	●	●	●	●	●
AP Router Mode	●	●	-	-	●	●
Client Mode	-	-	●	-	●	●
University Repeater	●	●	●	●	●	●
WDS Repeater	●	●	●	-	●	●
WDS Only	●	●	●	●	-	●
WISP Router	●	●	-	-	●	●
WISP Repeater	-	-	-	-	●	-
MultiSSID	●	●	●	●	-	-
Wireless VLAN	-	-	●	●	-	-
Guess Mode	●	●	●	●	-	-
PPPoE	●	●	-	●	●	●
FTP server	-	●	-	-	-	-
IPV6	●	●	-	●	-	-
VPN Passthrough						
PPTP	●	●	-	●	-	-
L2TP	●	●	-	●	-	-
IPSec	●	●	-	●	-	-

AirLive®

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