


Air Live®
Powered by OvisLink Corp.



AIRLIVE
**NETWORK
SWITCHES**
Catalog





Network Switch

POE or Fiber Topology Gigabit Switch
 SNMP LAN Switch
 Ring Managed or Unmanaged Industrial Switch
 Fiber Optic Converter or Transceiver
 POE Extender

Wireless Device

4G/LTE Gateway
 M2M Serial to LTE
 Long Distance WiFi CPE
 11AC Multiple User AP/Router
 AirLive AP Management software



Network IP Camera

Innovative Speed Dome with Smart Tracking
 Built-in IVS Analytics IP Camera
 H.265/H.264 Vari-Focal IP Camera
 Smart Wireless Camera

Smart Life IoT

Z-wave Plus and WiFi Gateway
 Z-wave Plus sensors
 Smart Wireless Camera
 Airlive Smart Life IoT APP



Partner for End to End Networking & Security Solutions

AirLive® is a worldwide renowned brand specializing in networking solutions. With over 24 years of network communication and surveillance experience, AirLive is always committed to providing high quality IT products that meet customers' requirements for various applications. Through our extensive experience in actual field applications, AirLive creates the best solutions without any compromises. Top notch R&D integrates the best hardware and software elements that guarantee system reliability and stability.

As a showcase for our technical innovations, AirLive's Auto Topology PoE Switches are from 24 port to a lower cost 8 port models. The topology series provides "graphical" management function which saves time for designing or inspecting a network structure. Trouble-shooting or maintenance becomes much easier and more convenient. You can remotely manage wireless AP, monitor Camera Live Streams and graphically set VLAN Group. Network infrastructure will be always drawn and renewed automatically which helps to close projects promptly.

Airlive Smart Life IoT Home kits are future ready innovations which are designed for home automated control, home safety and family care. Compliant with Z-wave plus and MESH technology of up to 232 sensors can be added to one gateway, even when you are living in a big house with several rooms on each floor, the AirLive IoT can satisfy your demands for wide range and long distance installation. You can automate your entire home and control it anywhere in the world via one Smartphone APP.

AirLive has been certificated with the ISO9001 as confirmation of the high quality products and services AirLive delivers. At AirLive, we offer more personalized relationship and strategic alliance for partners. We support partners on customization to ensure the best user experience possible.



AIRLIVE Value

- **Personalized relationship**
- **Strategic alliance**
- **Customization**
- **Strong application integration support**
- **Latest innovative products**



Topology Device Managed PoE Switch



» Overview

The AirLive Topology Device Managed PoE Switch series are more than a SNMP management switch. The switch series supports advanced management such as Auto-Topology, E-Map, ONVIF live view, AP management and graphical VLAN group setting. PoE device guard that will auto recover your crashed PoE AP/Camera. These unique features will help you to manage your network graphically. It also brings down maintenance cost and increases uptime. Manage Your Network has becomes easier.

Highlights

- ▶ 802.3at/af PoE Gigabit Switches
- ▶ Full PoE power, 370W, 250W, or 130W
- ▶ Each port up to 30Watts
- ▶ 24-port or 16-port or 8-port with 2-port SFP or combo
- ▶ Advanced Graphical Management
- ▶ Auto Topology, E-Map, Floor-Map
- ▶ Graphical VLAN Group Setting
- ▶ Wireless AP Management
- ▶ Auto recover crashed PoE AP/Camera
- ▶ ONVIF PoE Camera Live View
- ▶ SNMP and Web Management, Tag VLAN, IGMP and more
- ▶ DHCP Snooping prevents unauthorized router installed



» Product Series

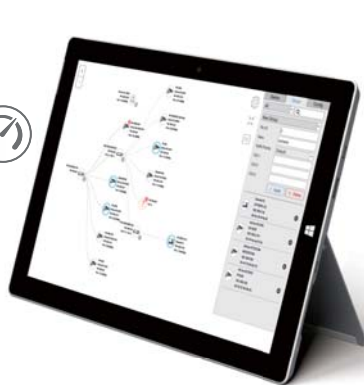


Model	POE-GSH2624-370	POE-GSH2624R-370	POE-GSH1816R-250	POE-GSH1008R-130	SNMP-24MGB Plus
Hardware Interface					
Total Port Number	26	26	18	10	24
Gigabit RJ45 Port	24	24	16	8	-
Fiber Port	-	2	2	2	20
Combo Port	2	-	-	-	4
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-
PoE Port	24	24	16	8	-
Max. PoE Budget	370W	370W	250W	130W	-
Max. PoE per Port	30W	30W	30W	30W	-
Power Input	100~240VAC	100~240VAC	100~240VAC	100~240VAC	100~240VAC, 48VDC
Major Software Feature					
Graphical Topology	Yes	Yes	Yes	Yes	Yes
E-MAP / Floor-MAP	Yes	Yes	Yes	Yes	Yes
Wireless AP device mgmt.	Yes	Yes	Yes	Yes	-
ONVIF Camera Live View	Yes	Yes	Yes	Yes	-
PoE Device Guard	Yes	Yes	Yes	Yes	-
SNMP	Yes	Yes	Yes	Yes	Yes
WEB	Yes	Yes	Yes	Yes	Yes

Manage Your Network Graphically

AirLive Topology Device Managed Gigabit POE+ Switch Series

Visually setup VLAN



Camera Live Streaming



Floor View



In Switch Topology View



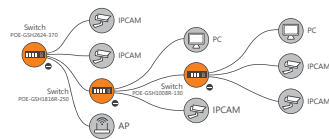
AP management



Device Manage

Auto Topology

Topology View



Device Status and E-MAP

Google Map View



Device Guard



No Response? **Reboot**



POE-GSH2624-370



Web Smart Manage POE Switch Series

» Overview

The AirLive Web Smart Manage POE Switch is composed of one 802.3at/af PoE switch and one 24V Passive PoE switch. Supporting Web-smart management and Gigabit uplink either over Copper or Fiber connection, the series is very suitable for most CCTV or Wireless AP applications.



PoE+



Full Power



Graphic Manage



Device Guard



Fiber

Highlights

- ▶ 10-port 10/100Mbps Web management PoE switch
- ▶ Gigabit Fiber or Copper uplink ports
- ▶ Full PoE power each port
 - ▶ 802.3at POE, up to 30W per port (POE-FSH1008AT)
 - ▶ 24V Passive PoE, up to 16.8w per port (POE-FSH808PW)
- ▶ Smart Web-Base for easy management
- ▶ Auto recover crashed PoE AP/Camera
- ▶ Data/Power delivered over Cat5e/6 Cable up to 100m



» Product Series



Model	POE-FSH1008AT	POE-FSH808PW
Hardware Interface		
Total Port Number	10	10
10/100Mbps Port RJ45	8	8
Gigabit Port RJ45	x	1
Gigabit Port SFP	x	1
Gigabit Port Combo	2	x
PoE Standard	802.3at/af	24V Passive POE
PoE Port	8	8
Max. PoE Budget	130W	134W
Max. PoE power per Port	30W	16.8W
Major Software Feature		
WEB	Yes	Yes
PoE Device detect and reboot	Yes	x

» 24V PoE Switch POE-FSH808PW

The POE-FSH808PW can power passive PoE devices such as 24V wireless AP or AirLive AirMax2. It can deliver up to 16.8W power per port at distance up to 100meter.

» 802.3at POE Swich POE-FSH1008AT

The POE-FSH1008AT supports AirLive "Device Guard" function which detects your PoE device and can automatically recover crashed PoE AP/Camera.



Unmanaged POE+ Switch Series

» Overview

The AirLive Unmanaged PoE switch series deliver both data and power over Ethernet to PoE devices such as IP Cameras, IP Phones, and Wireless AP. Supporting both 802.3at and 802.3af standards, it can provide up to 30W per port at a cabling distance of up to 100meter. Moreover, the Gigabit Fiber uplink port can be used for long distance or cross-floor connection. The series provide simplicity, reliability and lower long term ownership cost.

Highlights

- ▶ 802.3at/af unmanaged PoE switch series
- ▶ 10/100/1000Mbps or 10/100Mbps
- ▶ Gigabit Copper or SFP Uplink ports
- ▶ Up to 30 Watts full power per PoE port
- ▶ High Quality PoE Power module
- ▶ Data/Power delivered over Cat5e/6 Cable up to 100m
- ▶ Rack-mountable for POE-GSH1008ATU



PoE+



Full Power



Graphic Manage



Device Guard



Fiber

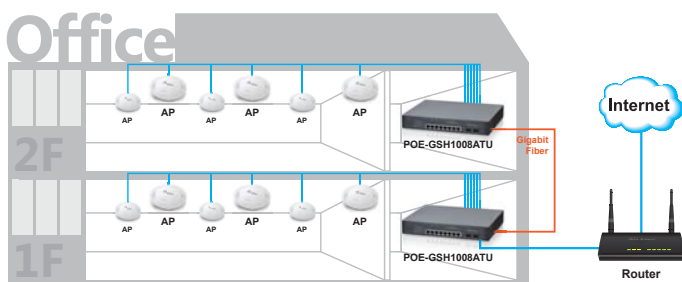
» Product Series



Model	POE-GSH1008ATU	POE-GSH604ATU	POE-GSH504ATU	POE-FSH804ATU
Hardware Interface				
Total Port Number	10	6	5	8
10/100Mbps Port RJ45	-	-	-	8
Gigabit Port RJ45	8	5	5	-
Gigabit Port SFP	2	1	-	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af
PoE Port	8	4	4	4
Max. PoE Budget	110W	65W	60W	60W
Max. PoE power per Port	30W	30W	30W	30W
Rack-mountable	Yes	-	-	-
Power Module	built-in	external	built-in	built-in

» Built-in SFP for cross-floor connection

» Built-in SFP for longer distance transition



AirLive SNMP LAN Switch Series

» Overview

AirLive® SNMP LAN Switches deliver Topology, SNMP, or Web-smart function for both SMB and Enterprises. The all-fiber switch can be used to cluster all fiber connections from each floor or division, or long distance network applications. The SNMP-24MGB Plus is an Topology L2+ Gigabit management switch with unique graphical management function.



Spanning Tree



Broadcast Storm Control



Security Control



SFP Fiber



SNMP



Topology

Highlights

- ▶ SNMP or Web Smart Management switch series
- ▶ 24 x 10/100/1000 + 4 Gigabit SFP (SNMP-GSH2804L)
- ▶ 20 x 10/100/1000 SFP + 4 Gigabit combo port (SNMP-24MGB Plus)
- ▶ One DC and One AC Power Input for SNMP-24MGB Plus
- ▶ RMON and IPv4/IPv6 Dual Stack for SNMP-24MGB Plus
- ▶ Topology management for SNMP-24MGB Plus

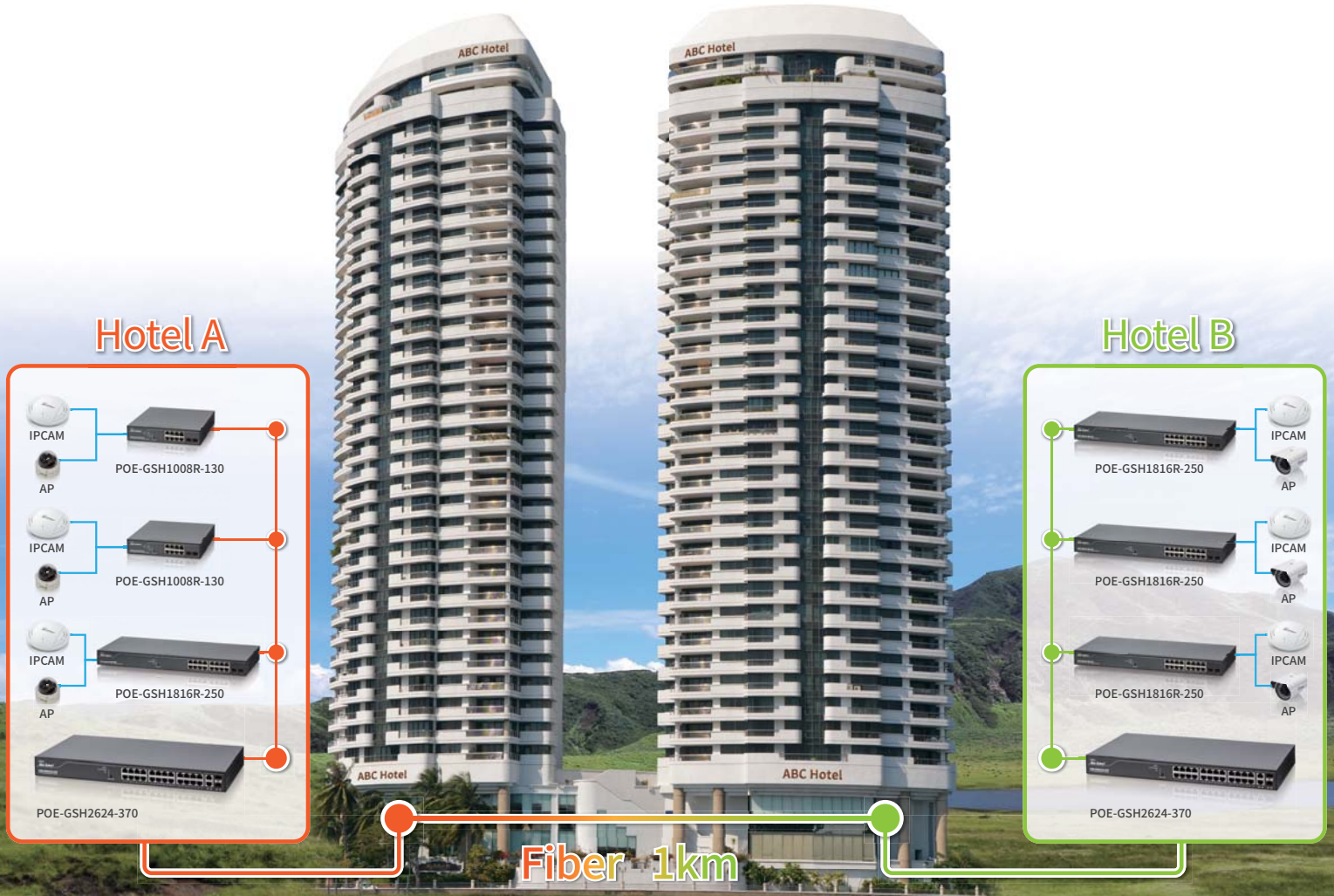


» Product Series



Model	SNMP-24MGB Plus	SNMP-GSH2804L
Hardware Interface		
Total Port Number	24	28
Gigabit Port RJ45	-	24
Gigabit Port SFP	20	4
Gigabit Port Combo	4	-
Power Input	100~240VAC, 48VDC	100~240VAC
Major Software Feature		
SNMP	SNMP v1,v2c, v3 with traps	SNMP v1,v2c, SNMP traps
WEB	Yes	Yes
Auto Topology	Yes	-
E-MAP / Floor-MAP	Yes	-
Graphical VLAN setting	Yes	-






Fiber Optic for Long Distance Connection



Fiber and Managed

As Backbone of any large network Fiber connectivity is needed. AirLive provides this in the form of SNMP Full fiber switches. Fiber/Combo ports are also available on PoE or SNMP LAN switches.



-  Spanning Tree
-  Broadcast Storm Control
-  Security Control
-  SFP Fiber
-  SNMP
-  Topology

Industrial Switch Series



» Overview

AirLive Ring Managed Industrial PoE Switch series are designed for mission critical environments such as factory, traffic light or energy industry. In the event of a network device failing, the AirLive Ring switch can provide recovery speed of less than 20ms that is much faster than a conventional RSTP switch which takes around 10 sec. The fast recovering time fully ensures that the network continues to operate without disruption. Moreover, the series supports "Chain" function with which you can expand established networking system easily.

In the applications where management is unneeded, AirLive Unmanaged Industrial Switch can be suitable. The unmanaged series also provide the industrial temperature grade and dual power input with redundancy.

Highlights

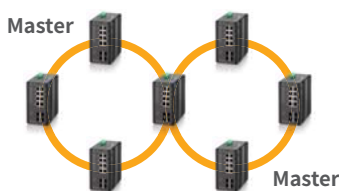
- ▶ Reliable and Industrial-grade Switches
- ▶ Din-Rail and IP30/31 rugged strong case
- ▶ Wider Temperature -40°C~75°C for harsh environment
- ▶ Dual Power Input with redundancy
- ▶ Gigabit or 10/100Mbps, SFP or 100M SC Fiber
- ▶ 802.3at PoE, up to 30W per port
- ▶ Unique features of Industrial Ring Managed PoE Switch
 - ▶ Ring Managed with recovering time faster than 20ms
 - ▶ AirLive Ring and Chain supported
 - ▶ Multiple Ring supported
 - ▶ CLI command

» Product Series

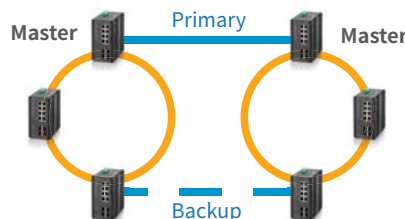


Model	IGR-1284POE	IGR-842POE	IGR-840POE	IG-642POE	IG-541POE	IG-840POE	IG-602
Hardware Interface							
Total Port Number	12	8	8	6	5	8	6
10/100Mbps RJ45 Port	-	-	-	-	4	8	-
Gigabit RJ45 Port	8	6	8	4	-	-	4
Gigabit Fiber Port	4	2	-	2	-	-	2
100Mbps Fiber Port	-	-	-	-	1 (SC)	-	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-
PoE Port	8	4	4	4	4	4	-
Max. PoE power per Port	30W	30W	30W	30W	30W	30W	-
Max. PoE budget	240W	120W	120W	110W	110W	110W	-
Dual Power Input	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	12V~56Vdc
Major Software Feature							
SNMP	v1/v2c	v1/v2c	v1/v2c	-	-	-	-
AirLive Ring	Yes	Yes	Yes	-	-	-	-
Chain	Yes	Yes	Yes	-	-	-	-

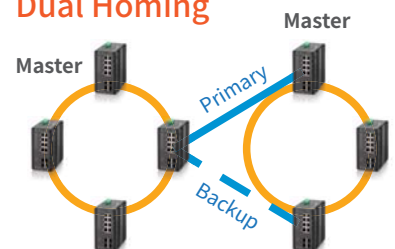
Dual Ring



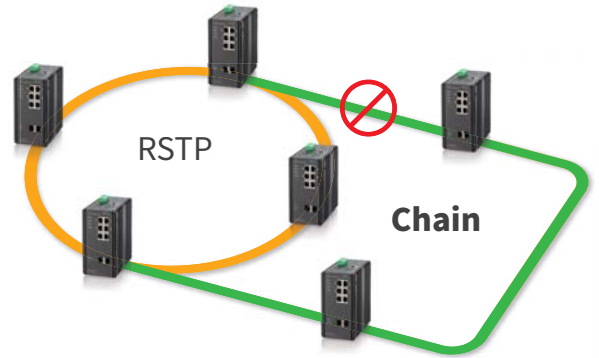
Ring Coupling



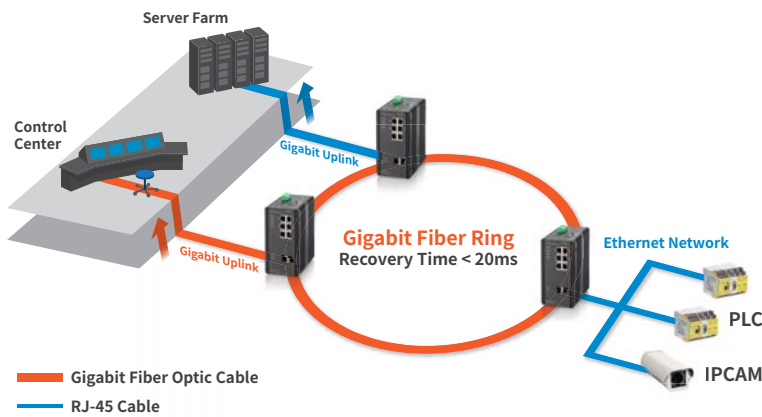
Dual Homing



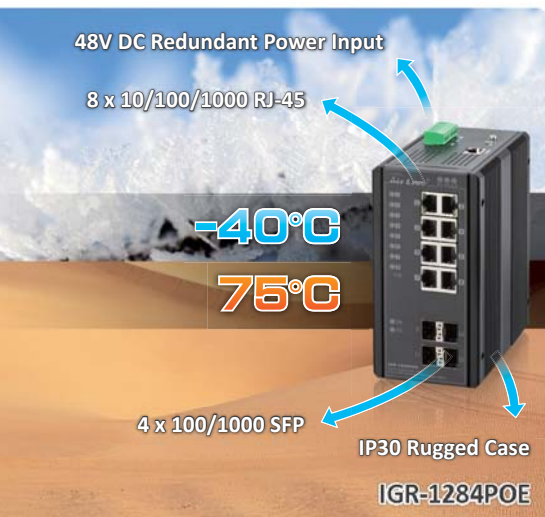
Industrial Ring Manage Switch



Flexible connection



Recovering time <20ms





» Industrial Switch Series Specification

AirLive® Industrial Switch provides non-blocking wire-speed performance and great flexibility for Ethernet extension in harsh environment. It equips an IP30/31 rugged strong case with redundant power system, wider temperature -40°C ~ 75°C supported. AirLive® Industrial Switch is well suited for applications in deploying street surveillance system, securing access control and wireless service in climatically demanding environments such as factory or public transportation. The Ring Management series support recovering time faster than 20ms that ensures productivity without disruption.

» Product Series

Industrial Ring Managed Switch Series

Industrial Unmanaged Switch Series



Model	IGR-1284POE	IGR-842POE	IGR-840POE	IG-642POE	IE-541POE	IE-840POE	IG-602
Hardware Interface							
Total Port Number	12	8	8	6	5	8	6
Gigabit RJ45 Port	8	6	8	4	-	-	4
10/100Mbps RJ45 Port	-	-	-	-	4	8	-
Fiber Port	4	2	0	2	1(SC)	-	2
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-
PoE Port	8	4	4	4	4	4	-
Max PoE Budget	240W	120W	120W	110W	110W	110W	-
Max PoE Per Port	30W	30W	30W	30W	30W	30W	-
Dual Power Input	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	12V~56Vdc
Power Connector	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block
Mounting Type	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail
Operation Temperature	-40 ~75°C	-40 ~75°C	-40 ~75°C	-40 ~70°C	-40 ~70°C	-40 ~70°C	-40 ~70°C
Switch Architecture							
Switch capacity (Gbps)	24	16	16	12	1	1.6	12
MAC Address	8K	8K	8K	1K	1K	1K	1K
Jumbo Frame	9K	9K	9K	9K	9K	9K	9K
Major Software Feature							
PoE On/Off	▪	▪	▪				
PoE Scheduling	▪	▪	▪				
Port Trunk (LACP)	▪	▪	▪				
VLAN	▪	▪	▪				
VLAN Trunking	▪	▪	▪				
AirLive Ring	▪	▪	▪				
(R)STP	▪	▪	▪				
QoS	▪	▪	▪				
Access Control	▪	▪	▪				
DHCP Server	▪	▪	▪				
DHCP Snooping	▪	▪	▪				
SNMP	V1 / V2c	V1 / V2c	V1 / V2c				
CLI command	▪	▪	▪				



» LAN Switch Series Specification

AirLive® SNMP LAN switches deliver Topology, SNMP, or WEB-Smart management functions for SMB or Enterprises. The all-fiber switch 24-port can be used to cluster all fiber connections from each floor or division. The SNMP-24MGB Plus supports L2+ SNMP and Graphical Topology management.

» Product Series

L2+ SNMP and Topology

L2 SNMP



Model	SNMP-24MGB Plus	SNMP-GSH2804L
Hardware Interface		
Total Port Number	24	28
Gigabit Port RJ-45	-	24
Fiber Port SFP	20	4
Combo Port	4	-
Power Input	110~240VAC, 48VDC	110~240VAC
Rack Mountable	■	■
Operation Temperature	-20~60°C	0~50°C
Switch Architecture		
Switch capacity (Gbps)	48	56
MAC Address	8K	8K
Jumbo Frame	9K	9K
Major Software Feature		
Switch Layer	L2+	L2
Topology View	■	-
Floor View	■	-
Map View	■	-
Port Trunk (LACP)	■	■
VLAN	■	■
VLAN Trunking	■	■
(R)STP	■	■
QoS	■	■
Access Control	■	■
LACP	■	■
UPNP	■	-
DHCP Server	■	-
DHCP Snooping	■	-
SNMP	V1/V2c/V3	V1/V2c
SNMP Private MIB	■	-
SNMP Trap	■	■
RMON	■	-
E-mail Notification	■	-
CLI	■	-

Fiber Converter / Transceiver



Model	MC-1000SFP
Hardware	
	Gigabit RJ45 and SFP Fiber Converter
	1 SFP GbE Port
	1 RJ45 GbE Port
	802.3x flow control
	Auto MDI/MID-X for TX port



Model	SFP-LX-10
Hardware	
	1000Base-LX MiniGBIC Transceiver
	1310nm FP, 10KM
	Duplex LC Connector
	Hot Pluggable



Model	SFP-SX
Hardware	
	1000Base-SX MiniGBIC Transceiver
	850nm VCSEL, 500m
	Duplex LC Connector
	Hot Pluggable



» Topology Manage PoE Gigabit Switch Series Specification

AirLive® Topology Manage PoE Gigabit Switch supports "Auto-Topology", "Google-map view", "Floor-map view", "Camera live streaming", "AirLive AP management" and, more. Thanks to its Device Guard function which monitors and reboots your PoE Camera or AP automatically. These are the best switches for surveillance and AP trouble shooting. The graphical VLAN makes VLAN setting very easy by clicking models in the topology and done.

» Product Series

L2+ SNMP and Topology PoE Switch Series

L2+ SNMP and Topology



Model	POE-GSH2624-370	POE-GSH2624R-370	POE-GSH1816R-250	POE-GSH1008R-130	SNMP-24MGB Plus
Hardware Interface					
Total Port Number	26	26	18	10	24
Gigabit RJ45 Port	24	24	16	8	20
Fiber Port	-	2	2	2	-
Combo Port	2	-	-	-	4
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-
PoE Port	24	24	16	8	-
Max PoE Budget	370W	370W	250W	130W	-
Max PoE Per Port	30W	30W	30W	30W	-
Power Input	100~240VAC	100~240VAC	100~240VAC	100~240VAC	100~240VAC , 48VDC
Rack Mountable	■	■	■	■	■
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	-20~60°C
Switch Architecture					
Switch capacity (Gbps)	52	52	36	20	48
MAC Address	8K	8K	8K	8K	8K
Jumbo Frame	9K	9K	9K	9K	9K
Major Software Feature					
Switch Layer	L2+	L2+	L2+	L2+	L2+
Topology View	■	■	■	■	■
Floor View	■	■	■	■	■
Map View	■	■	■	■	■
Cameras Live Streaming	■	■	■	■	-
AirLive AP Manage	■	■	■	■	-
PoE On/Off	■	■	■	■	-
PoE Scheduling	■	■	■	■	-
Port Trunk (LACP)	■	■	■	■	■
VLAN	■	■	■	■	■
VLAN Trunking	■	■	■	■	■
(R)STP	■	■	■	■	■
QoS	■	■	■	■	■
Access Control	■	■	■	■	■
LLDP	■	■	■	■	■
UPNP	■	■	■	■	■
DHCP Server	■	■	■	■	■
DHCP Snooping	■	■	■	■	■
SNMP	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3
SNMP Private MIB	■	■	■	■	■
SNMP Trap	■	■	■	■	■
E-mail Notification	■	■	■	■	■
CLI	■	-	-	-	■

» PoE Web Smart or Unmanaged Switch Series Specification

For reliable client-site PoE data and power transmission, you can rely on AirLive® Device Guard, WEB smart management or Unmanaged PoE switches. The range of PoE switches are 802.3at PoE/PoE+ compliant to ensure full-power PoE for your system.

» Product Series

Web Smart PoE Switch Series

Unmanaged PoE Switch Series



Model	POE-FSH1008AT	POE-FSH808PW	POE-GSH1008ATU	POE-GSH604ATU	POE-GSH504ATi	POE-FSH804ATi
Hardware Interface						
Total Port Number	10	10	10	6	5	8
Gigabit RJ45 Port	-	1	8	5	5	-
Fast Ethernet RJ45	8	8	-	-	-	8
Fiber Port	-	1	2	1	-	-
Combo Port	2	-	-	-	-	-
PoE Standard	802.3at/af	24V Passive	802.3at/af	802.3at/af	802.3at/af	802.3at/af
PoE Port	8	8	8	4	4	4
Max PoE Budget	130W	134W	110W	65W	60W	60W
Mar PoE Per Port	30	16.8	30W	30W	30W	30W
Power Input	100~240VAC	100~240VAC	110~240VAC	52Vdc (72W)	110~240VAC	110~240VAC
Rack Mountable	■	■	■	-	-	-
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Switch Architecture						
Switch capacity (Gbps)	3.6	3.6	20	12	10	1.6
MAC Address	4K	4K	8K	1K	2K	2K
Jumbo Frame	9K	9K	9K	9K	9K	9K
Major Software Feature						
Device Guard	■	-				
PoE Scheduling	■	■				
Port Trunk (LACP)	■	■				
VLAN	■	■				
VLAN Trunking	■	■				
(R)STP	■	■				
QoS	■	■				

Serial to LTE Solution



Truck tracking system



WiFi Hot Spot



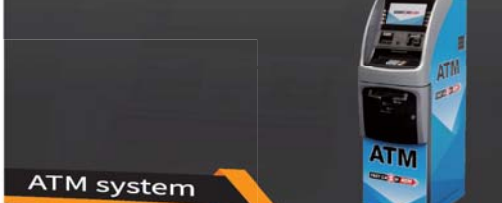
Bus Surveillance



Smart Meter System



Industrial Sensor Monitor



ATM system



Mobile POS System



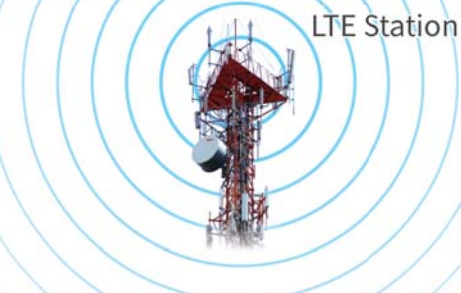
Energy System



Outdoor Signage



Control Center



LTE Station



Product Series



Model	AirMax 4GW	VH-4GW	M2M-L28
Hardware Interface			
Supported Band	3/7/8/20	1/3/7/8/20/40	1/3/5/7/8/28
3G Band	900/2100	900/2100	900/2100
Power input	48V PoE	9~36V DC	9~48VDC(Dual)
No. of Sim card	2 (Fail over)	1	2 (Fail Over)
No. of LAN Port	1	2	4
WiFi	802.11N (Internal Antenna)	802.11N (External Antenna)	802.11N (External Antenna)
GPS	N/A	Supported	Supported
Serial Port	N/A	N/A	RS485/RS232



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