Air Live®

Powered by OvisLink Corp.

AIRLIVE SMART
NETWORK SOLUTIONS
Catalog

Air Live®

Smart Connectivity Provider

Smart Connectivity for City

True Wireless Connectivity

Industrial LTE Gateway
Serial to LTE
LTE WiFI Hot Spot

WiFi Solution

Network Camera

Industrial Switch

Topology Switch

Smart Connectivity for building

Hotel A

IPCAM
AP
POE-GSH1008R-130

IPCAM
AP
POE-GSH1008R-130

IPCAM
AP
POE-GSH1816R-250

POE-GSH2624-370

Hotel B

POE GSH1816R 250
IPCAM
AP

POE-GSH1816R-250
IPCAM
AP

POE GSH1816R 250
IPCAM
AP

POE-GSH2624-370

Fiber 1km

Smart Home

Air Live
Smart Life IOT
For Home

Smart Home Kit

Smart Plug

Smart IPCam

Gateway

PIR Motion Sensor

3 in 1 Sensor

Partner for End to End Networking & Security Solutions

AirLive® is a worldwide renowned brand specializing in networking solutions. With over 24 years experience in the network Security and Communication industry, AirLive®, powered by OvisLink Corp., is always committed to providing high quality IT products that meet customers' requirements for various applications. In the new Era, AirLive® innovations can be perfect for SI and System providers for completing Smart business solutions. Top notch R&D integrates the best hardware and software elements that guarantee system reliability and stability.

AirLive Smart solutions suitable for various applications, such as

- *Smart Building*
- *Smart Communications / transportation*
- *Smart City / manufacturing*
- *Smart Life Z-Wave IoT for home automation and safety*

AirLive ® Product Unique Features:

- *Smart Life Z-wave IoT kits for home automation and home safety*

- *Smart Communications/Transportation:*
  AirLive Industrial grade 9V~36V 4G/LTE gateway
  Industrial grade serial to 4G/LTE M2M device
  AirLive 4G/LTE outdoor Gateway

- *Smart City / manufacturing:*
  AirLive Industrial Ring managed or unmanaged Switch
  AirLive 4G/LTE, AirLive Network Camera

- *Smart building:*
  AirLive auto-topology managed Switch or PoE switch
  AirLive PoE, LAN Switch or Industrial switch
  AirLive IP Camera, Wi-Fi devices with central management

AirLive has been certified 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*

ISO 9001 :2016 CERTIFIED BY TÜV CERT ACCORDING TO

Topology Device Managed POE Switch

▶ Overview

The AirLive Topology Device Managed PoE Switch series are more than a SNMP management switches. The series switches support 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. Managing Your Network has just become easier.

| PoE+ | Full Power | Graphic Management | Device Guard | DHCP Snooping | ONVIF Live-View | Fiber | Topology |

▶ 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	■	■	■	■	■
E-MAP / Floor-MAP	■	■	■	■	■
Wireless AP device mgmt.	■	■	■	■	-
ONVIF Camera Live View	■	■	■	■	-
PoE Device Guard	■	■	■	■	-
SNMP	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3	V1/V2c/V3
SNMP Trap	■	■	■	■	■
SNMP Private MIB	■	■	■	■	■
WEB	■	■	■	■	■

Manage Your Network Graphically

AirLive Topology Device Managed Gigabit POE+ Switch Series
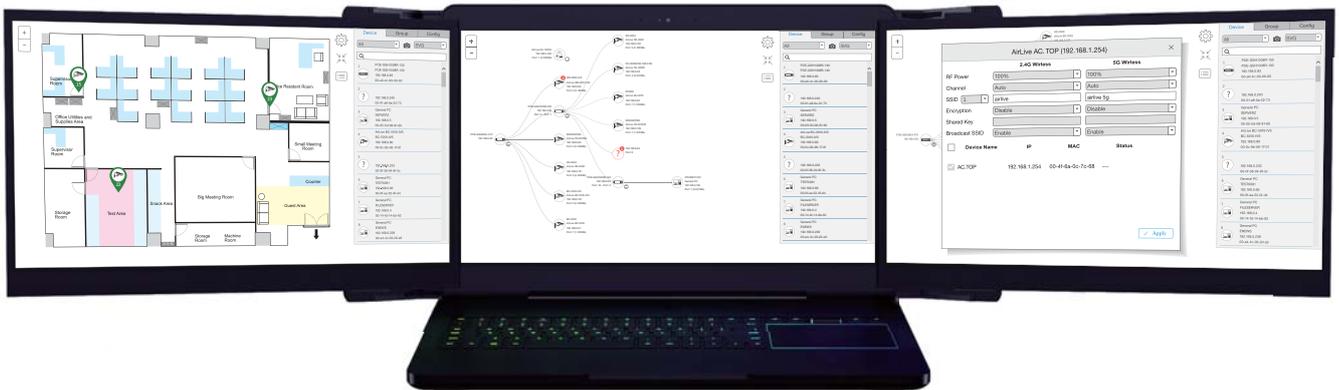
Visually setup VLAN
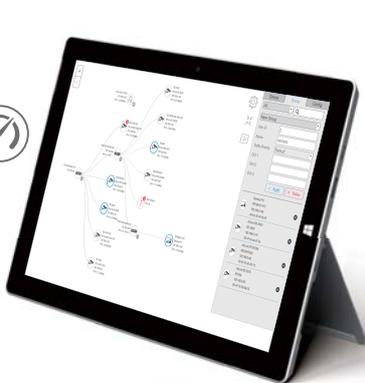
Camera Live Streaming
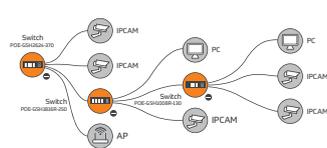
Floor View

In Switch Topology View

AP management

Device Manage

Auto Topology

Topology View

Switch
POE-GSH2626-370

IPCAM

IPCAM

PC

PC

Switch
POE-GSH1008R-250

Switch
POE-GSH1008R-130

IPCAM

IPCAM

IPCAM

AP

IPCAM

Device Status and E-MAP

Google Map View

Floor View

Device Guard

Switch

IPCAM

No Response?
Reboot

UTM

AirLive Central

PC Server

POE-GSH2624-370

AP   AP   AP   IPCAM   IPCAM   IPCAM   IPCAM

Web Smart POE Switches

▶ Overview

The AirLive Web Smart Managed POE Switch supports Web-smart management such as VLAN, QoS, IGMP Snooping, Port Mirroring, PoE on/off, Spanning tree, password-protected access, and more. The POE-GSH2824-210 supports 24-port PoE at Gigabit speed and 4 SFP for fiber Optic connectivity. There are also 10-port PoE switches with Gigabit uplink either over Copper or Fiber connection for hub station. The series are very suitable for most CCTV or Wireless AP applications.

PoE+ **Full Power** **Graphic Manage** **Device Guard** **Fiber**

▶ Highlights

- ▶ 10/100/1000Mbps or 10/100Mbps Web management PoE switch
- ▶ 24+4 SFP Gigabit or, 10/100Mbps with Gigabit SFP/RJ45 uplink
- ▶ 802.3at/af POE, up to 30W per port (POE-GSH2824-210 / POE-FSH1008AT)
- ▶ 24V PoE, up to 16.8w per port (POE-FSH808PW)

- ▶ Smart Web-Base for easy management
- ▶ Data/Power delivered over Cat5e/6 Cable up to 100m
- ▶ Rack-mountable with internal power module

▶ Product Series

Model	POE-GSH2824-210	POE-FSH1008AT	POE-FSH808PW
Hardware Interface			
Total Port Number	28	10	10
10/100Mbps Port RJ45	-	8	8
Gigabit Port RJ45	24	-	1
Gigabit Port SFP	4	-	1
Gigabit Port Combo	-	2	-
PoE Standard	802.3at/af	802.3at/af	24V Passive POE
PoE Port	24	8	8
Max. PoE Budget	210W	130W	134W
Max. PoE power per Port	30W	30W	16.8W
Major Software Feature			
WEB	▪	▪	▪
PoE Device detect and reboot	-	▪	-

▶ 24V PoE Switch POE-FSH808PW

The POE-FSH808PW can power passive PoE devices such as 24V wireless AP, 24V POE Cameras, or AirLive AirMax2.

▶ 802.3at POE Switch POE-FSH1008AT

The POE-FSH1008AT supports AirLive "**Device Guard**" function which detects your PoE device and can automatically recover crashed PoE AP/Camera. It can deliver up to 16.8W power per port at distance up to 100meter.

Switch

IPCAM

No Response?
Reboot

Unmanaged POE Switches

▶ Overview

The AirLive Unmanaged PoE switch delivers both data and power over Ethernet to PoE devices such as IP Camera, IP Phone, 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 longer distance or cross-floor connection. The series provide simplicity, reliability and lower long term ownership cost.

PoE+ **Full Power** **Graphic Manage** **Device Guard** **Fiber**
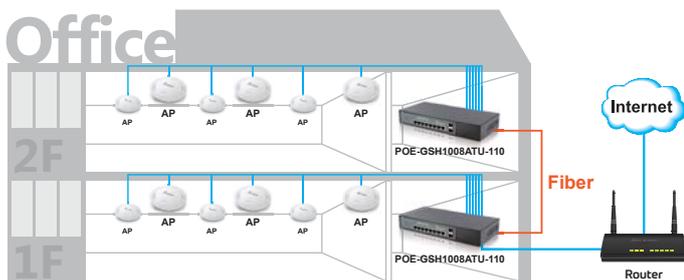
▶ Highlights

- ▶ 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-110

▶ Product Series

Model	POE-GSH1008ATU-110	POE-GSH604ATU	POE-GSH504ATi	POE-FSH804ATi
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

Office

2F

AP AP AP AP AP

POE-GSH1008ATU-110

Fiber

Internet

1F

AP AP AP AP AP

POE-GSH1008ATU-110

Router

▶ Built-in SFP for longer distance transition

School Gate

POE-GSH604ATU

Fiber

Server Room

IPCAM

IPCAM

AirLive Central   CamPro VMS

PC Server

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 longer 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
Redundant Power	Yes	-
Operation Temperature	-20~60℃	0~50℃
Major Software Feature		
WEB	▪	▪
SNMP	SNMP v1,v2c, v3	SNMP v1,v2c
SNMP Private MIB	▪	-
SNMP Trap	▪	▪
Auto Topology	▪	-
E-MAP / Floor-MAP	▪	-
Graphical VLAN setting	▪	-

Fiber Optic for Long Distance Connection

Hotel A

- IPCAM / AP — POE-GSH1008R-130
- IPCAM / AP — POE-GSH1008R-130
- IPCAM / AP — POE-GSH1816R-250
- POE-GSH2624-370

Hotel B

- POE-GSH1816R-250 — IPCAM / AP
- POE-GSH1816R-250 — IPCAM / AP
- POE-GSH1816R-250 — IPCAM / AP
- POE-GSH2624-370

Fiber 1km

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 Switches

▶ Overview

Unmanaged Industrial switch

AirLive Industrial switches support -40°C to 75°C in IP30/31 rugged strong housings with redundant power input that can work in harsh environment. For applications were wider temperature coverage and strong housing is preferred as well as DC power input but management functions are unneeded, the AirLive unmanaged Industrial switches can be suitable.

Voltage Boost Industrial switch

AirLive Voltage Boost Industrial switch supports wide voltage power input range from 12V~48Vdc, or 12V~36Vdc and regulate at 48V output. The Voltage Boost Industrial switch series can be the ideal switch for applications were standard PoE is required like surveillance device but where only low DC power sources are available, such as vehicle or tramway, Solar System, or factory where power source unstable.

▶ 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 48~56Vdc with redundancy
- ► Voltage Boost 12V~48Vdc or 12~36Vdc in option
- ► 10/100/1000Mbps or 10/100Mbps SFP or RJ45 Gigabit uplink port
- ► 802.3at PoE, up to 30W per port

- ► AirLive Ring Managed Industrial Switch series
  - *Web-smart and SNMP for Ring Managed Series*
  - *Network recovering time faster than 20ms*
  - *AirLive Ring and Chain supported*
  - *Multiple Ring supported*

Dual DC in Relay Output

DC In   DC In

8 x 10/100/1000 RJ-45
48V DC Redundant Power Input
-40°C   75°C
IP30 Rugged Case
4 x 100/1000 SFP   IGR-1284POE

▶ Product Series

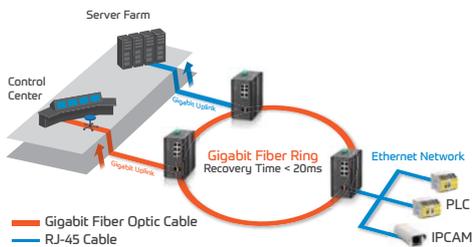| Model	Unmanaged				Unmanaged Voltage Boost	
	IG-642POE	IE-541POE	IE-840POE	IG-602	IG-880VB	IG-642VB
Hardware Interface						
Total Port Number	6	5	8	6	8	6
Gigabit RJ45 Port	4	-	-	4	8	4
10/100Mbps RJ-45 Port	-	4	8	-	-	-
Gigabit Fiber Port	2	-	-	2	-	2
100Mbps Fiber Port	-	1 (SC)	-	-	-	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af	-	802.3at/af	802.3at/af
PoE Port	4	4	4	-	8	4
Max. PoE power per Port	30W	30W	30W	-	30W	30W
Max. PoE budget	110W	110W	110W	-	100W/36V	100W/36V
Dual Power Input	48V~56Vdc	48V~56Vdc	48V~56Vdc	12V~56Vdc	12V~36Vdc	12V~48Vdc

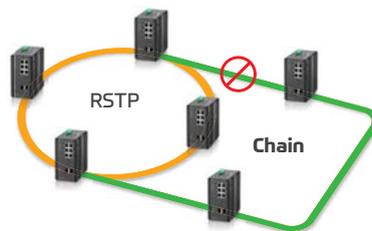# Industrial Ring Manage Switch to Secure reliable applications

▶ Overview

Thanks to the unique Ring back-up function and dual power input design, AirLive Ring Managed Industrial PoE Switch supports the best networking redundancy 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 systems easily.
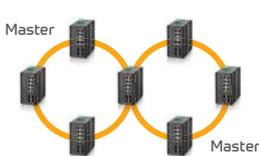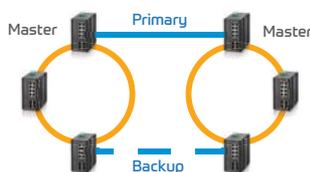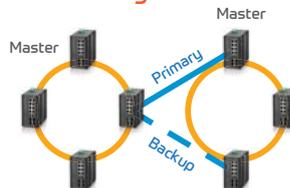
Recovering time <20ms

Server Farm
Control Center
Gigabit Uplink
Gigabit Uplink
Gigabit Fiber Ring
Recovery Time < 20ms
Ethernet Network
PLC
IPCAM
— Gigabit Fiber Optic Cable
— RJ-45 Cable

Flexible connection

RSTP
Chain

Dual Ring

Master
Master

Ring Coupling

Master
Primary
Master
Backup

Dual Homing

Master
Master
Primary
Backup

▶ Product Series

Model	IGR-1284POE	IGR-842POE	IGR-840POE
Hardware Interface			
Total Port Number	12	8	8
Gigabit RJ45 Port	8	6	8
Gigabit Fiber Port	4	2	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af
PoE Port	8	4	4
Max. PoE power per Port	30W	30W	30W
Max. PoE budget	240W	120W	120W
Dual Power Input	48V~56Vdc	48V~56Vdc	48V~56Vdc
Major Software Feature			
Web	Yes	Yes	Yes
SNMP	v1/v2c /V3	v1/v2c /V3	v1/v2c /V3
SNMP Private MIB	■	■	■
AirLive Ring	■	■	■
Chain	■	■	■
Managed Feature	Web , CLI (Telnet, Console)	Web , CLI (Telnet, Console)	Web , CLI (Telnet, Console)

Smart Communication 4G/LTE

▶ Overview

The AirLive Cellular gateways include outdoor AirMax4GW, industrial grade VH-4GW with power input 9V~36V and, Serial to LTE M2M Industrial IoT Gateway. The 4G/LTE family is the easiest way to deploy Wi-Fi hotspot service for building up smart city communication.

The M2M 4G/LTE is the marriage of Serial and Wi-Fi interfaces which is now getting more important for both business and industry applications. A Serial to LTE gateway allows system integrators to connect legacy serial devices to Ethernet via wireless WAN (LTE/3G), providing many options for data acquisition, device management and industrial control anywhere.

Truck tracking system
WiFi Hot Spot
Bus Surveillance
Smart Meter System
Industrial Sensor Monitor
ATM system
Mobile POS System
Energy System
Outdoor Signage

AIRLIVE 4G LTE GATEWAY
Smart Communication

▶ Product Series

Model	AirMax4GW	VH-4GW	M2M-L28	M2M-4GPOE
Hardware Interface				
Supported Band				
- Standard model	3/7/8/20	1/3/7/8/20/40	1/3/5/7/8/28	1/3/5/7/8/28
- S1 Model	1/2/4/5/7/8/12/17/38	1/2/4/5/7/8/12/17/38	1/2/4/5/7/8/12/17/38	1/2/4/5/7/8/12/17/38
- S2 Model	1/2/3/4/5/7/8/28/40	1/2/3/4/5/7/8/28/40	1/2/3/4/5/7/8/28/40	1/2/3/4/5/7/8/28/40
WCDMA (3G) Band	1/2/5/8	1/2/5/8	1/2/5/8	1/2/5/8
Power input	48V PoE	9~36VDC	9~48VDC (Dual)	48VDc (Dual)
No. of Sim card	2 (Fail over)	1	2 (Fail over)	2 (Fail over)
No. of WAN Port	-	1	1	1
No. of LAN Port	1 (Gigabit)	1	3	4
No. of PoE Output Port	-	-	-	4
Wi-Fi	802.11n	802.11n	802.11n	-
GPS Location	N/A	Supported	Supported	Supported
Serial Port	N/A	N/A	RS485/RS232	RS485/RS232
Temperature	-20°~60°C	-20°~60°C	-20°~60°C	-20°~60°C
Housing	IP-55 anti-UV housing	Metal	Metal	Metal
Management				
Web, Telnet, SNMP, SMS, TR-069	∎	∎	∎	∎
VPN	∎	∎	∎	∎

Reliable LTE cellular Gateway Application

▶ **Reliable LTE cellular Connectivity for Real-Time Traffic Monitoring AirLive M2M or M2M-4GPOE**

To improve and monitor traffic flow and notice incidents, road operators usually use cameras and sensors to collect real-time traffic information as well as weather or air conditions. The application uses AirLive 4G Gateway to transmit cameras streaming and serial sensors information from locations where it is not possible to have Fixed line internet.
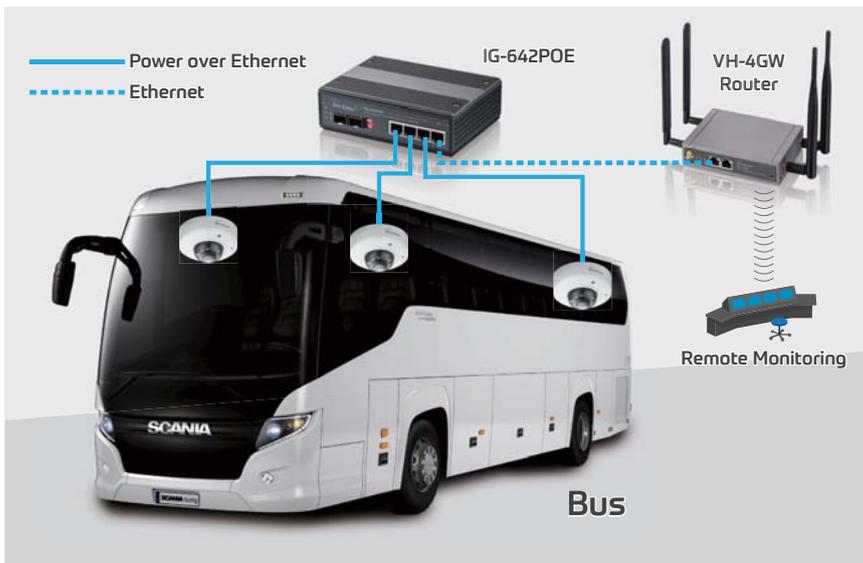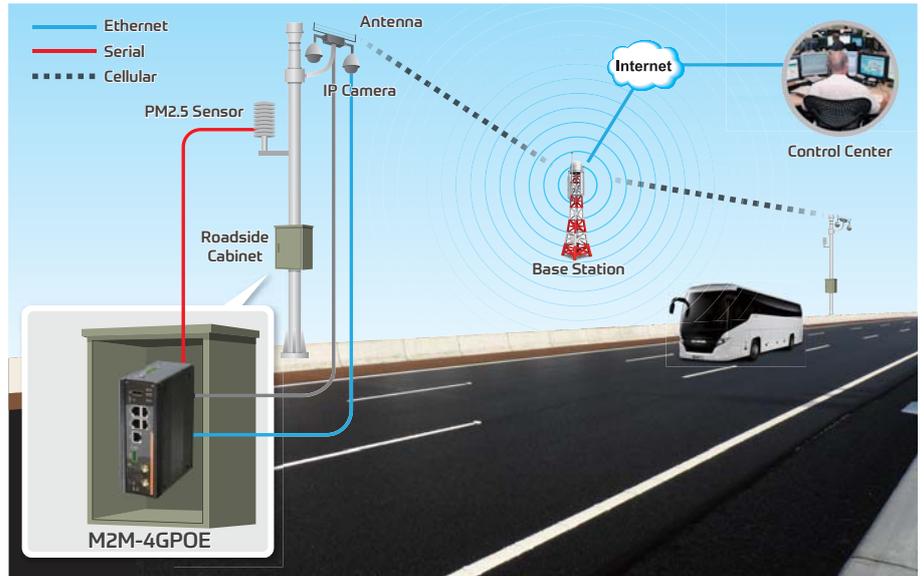
▶ **Real Time Video surveillance in bus AirLive VH-4GW or M2M-4GPOE**

How to understand live situation in a moving bus is important especially in public transportation. AirLive LTE Gateway; VH-4GW or M2M-4GPOE, utilities 4G LTE technology which can transmit the cameras or NVR streaming to a control room from the moving bus. The gateway also can be powered by car battery directly without any additional equipment.

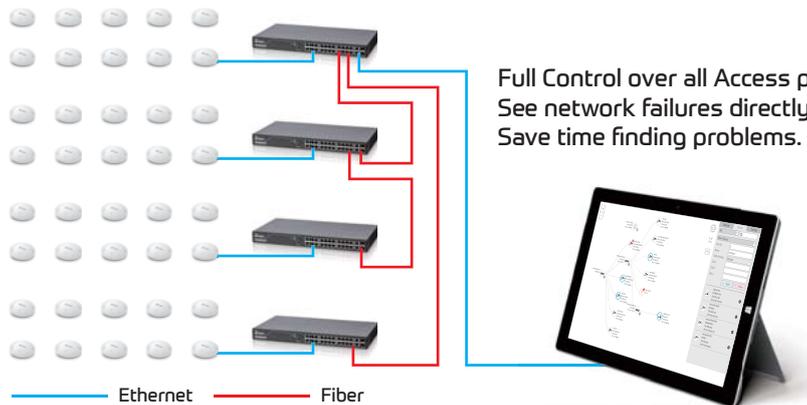▶ **Hotspot Deployment for Rural Area AirLive AirMax4GW**

AirLive LTE Gateway 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 supports 802.1x, UAM server, and Captive Portal for easy integration with the operator's authentication network.

Smart Building Connect Wireless Solution for Hotel

▶ Overview

Hotel's Wi-Fi deployment by using AirLive's Access Point (AC.TOP) and PoE Switch (POE-GSH2624-370) in Mallorca, a famous summer holiday Tourism Island in Spain

Full Control over all Access points.
See network failures directly.
Save time finding problems.

AIRLIVE SMB SWITCH

AIRLIVE WIFI

Ethernet ——— Fiber

Before the hotel owners decided to use our AirLive Solution, they were looking for a totally solution which could provide Wi-Fi coverage and was easy to manage for their hotels. The solution also had to be affordable and needed to be able to grow for future larger Wi-Fi demand. Finally they decided to use AirLive's Topology Device Managed Switch, POE-GSH2624-370 and Dual Band Ceiling Mount AP, AC.TOP for their hotels.

▶ Why AirLive Solution

Combing AirLive's managed AP (AC.TOP/N.TOP) and device managed switches POE-GSH2624-370, provided the lowest cost solution for a Wi-Fi AP managed system. This because the Topology switch can directly manage all AC.Top access points in the network. Saving time for the hotels MIS when for example 10 access points need to get a new SSID, all of them can be changed via the switch in one go.

Because AirLive's managed solution does not require an expensive license fee or has a limitation on numbers of AP. When there is the need to increase the Wi-Fi coverage, the hotel owners only need to add more AC.TOP and POE-GSH2624-370 and do not need to worry about any extra license fees.

POE-GSH2624-370 Full PoE power Topology Switch
Topology view, Map view, Google map, Graphical Vlan setup, 802.3at/af full power.
24 port Gigabit and 2 port SFP.

AC.TOP Dual band high power Ceiling mounted AP
2.4 and 5Ghz, 100 Concurrent users, high power output, build in Radius server.
Gigabit network port.

▶ AirLive Wireless Solutions

Model	AirMax5X	AirMax2	AC-1200UR	AC.TOP	N.TOP	GW-300NAS
Hardware						
Frequency	5Ghz	2.4Ghz	5Ghz/2.4Ghz	5Ghz/2.4Ghz	2.4Ghz	2.4Ghz
Wireless standard	2T2R 11a/n	11g	11ac	11ac	11n	11n
Wireless speed	300Mbps	54Mbps	1200Mbps	1200Mbps	300Mbps	300Mbps
10/100Mbps RJ45	2 (POE, POE-pass-through)	1 (POE)	-	-	1 (POE)	-
10/100/1000Mbps RJ45	-	-	5	1 (POE)	-	5
USB	-	-	1	-	-	1
Antenna	built-in	built-in, optional external	detachable	built-in	built-in	detachable
Max. Concurrent users	30	30	60	100	30	30
Radius Server	-	-	-	Yes	-	-
Software						
Wireless central management	-	-	■	■	■	-

Case Study AirLive Network Cameras Solution for Hotel

High Resolution IP Camera

INDUSTRIAL RING SWITCH

SMB NETWORK SWITCH

▶ Overview

Hotel's Security Surveillance by using AirLive's Network Cameras and PoE Switch (POE-GSH2624-370) in Middle East

Bahrain Hilton Hotel
- 800 PCS IP Camera
- 40pcs up SMB switch

Qatar 15-Story Shaza Kempinski Hotel
- 400 PCS+ IP Camera
- 20pcs up SMB switch

▶ AirLive Major Network Cameras

Model	BU-3128	BU-2015	VD-2028	VD-3128	SD-3030	Smart Cube SC-300W	FE-501DM
Type	IP66 Bullet	IP66 Bullet	Vandal Dome IP66, IK10	Vandal Dome IP66, IK10	IP66 Speed Dome	Wireless Smart Cube	180/360° Fisheye PoE
Resolution	3MP	3MP	2MP	3MP	3MP, 30X optical zoom	3MP	5MP
Lens	2.8~12mm motorized	4mm/F1.8	2.8~12mm vari-focal	2.8~12mm motorized	4.4~132mm F1.4	3.6mm F2.0	1.05mm
IR/IR-cut	40m	15m	25m	40m	na (IR-cut supported)	15m	na (IR-cut supported)
LAN Port	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100/1000Mbps	10/100Mbps	10/100Mbps
802.3af/af PoE	Yes	Yes	Yes	Yes	Yes	-	Yes
DIDO	Yes	-	Yes	Yes	Yes	-	Yes
ONVIF	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Unique features	Smart IR40m True WDR motorized lens 4X Optical Zoom	WDR	Vari-focal WDR IP66/IK10 certificated	Smart IR40m True WDR motorized lens 4X Optical Zoom	Extreme PTZ Speed 30X Smart-tracking 60W PoE Wider Temperature -40~50C FAN/Heater built-in	Wi-Fi 802.3n 300Mbps 10/100Mbps Ethernet PIR Humidity / Temperature sensor AirLive IoT APP supported	E-PTZ ROI with 5 independent streams
Video Compression	H.265/H.264	H.264	H.264	H.265/H.264	H.264	H.264	H.264

Topology Manage PoE Gigabit Switch Series Specification

▶ Overview

AirLive® Topology Managed 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 troubleshooting. The graphical VLAN makes VLAN setting very easy by clicking models in the topology and done.

▶ Product Series

Model	L2+ SNMP and Topology PoE Switch Series				L2+ SNMP and Topology
	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℃	0~50℃	0~50℃	0~50℃	-20~60℃
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

▶ Overview

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-GSH2824-210	POE-FSH1008AT	POE-FSH808PW	POE-GSH1008ATU-110	POE-GSH604ATU	POE-GSH504ATi	POE-FSH804ATi
Hardware Interface							
Total Port Number	28	10	10	10	6	5	8
Gigabit RJ45 Port	24	-	1	8	5	5	-
Fast Ethernet RJ45	-	8	8	-	-	-	8
Fiber Port	4	-	1	2	1	-	-
Combo Port	-	2	-	-	-	-	-
PoE Standard	802.3at/af	802.3at/af	24V Passive	802.3at/af	802.3at/af	802.3at/af	802.3at/af
PoE Port	24	8	8	8	4	4	4
Max PoE Budget	210W	130W	134W	110W	65W	60W	60W
Mar PoE Per Port	30W	30W	16.8W	30W	30W	30W	30W
Power Input	100~240VAC	100~240VAC	100~240VAC	110~240VAC	52Vdc (72W)	110~240VAC	110~240VAC
Rack Mountable	■	■	■	■	-	-	-
Operation Temperature	0~50℃	0~50℃	0~50℃	0~50℃	0~50℃	0~50℃	0~50℃
Switch Architecture							
Switch capacity (Gbps)	56	5.6	3.6	20	12	10	1.6
MAC Address	8K	4K	4K	8K	1K	2K	2K
Jumbo Frame	10KB	9K	9K	9K	9K	9K	9K
Major Software Feature							
Device Guard	-	■	-	-	-	-	-
PoE Scheduling	■	■	■	-	-	-	-
Port Trunk (LACP)	■	■	■	-	-	-	-
VLAN	■	■	■	-	-	-	-
VLAN Trunking	■	■	■	-	-	-	-
SNMP	V1/V2c	-	-	-	-	-	-
Access Control	■	■	■	-	-	-	-
IGMP Snooping	■	■	■	-	-	-	-
QoS	■	■	■	-	-	-	-

Industrial Switch Series Specification

▶ Overview

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 and a wider temperature -40℃ ~ 75℃ is 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 Switches			Industrial Unmanaged Switches				Industrial Voltage Boost Switches	
Model Name	IGR-1284POE	IGR-842POE	IGR-840POE	IG-642POE	IE-541POE	IE-840POE	IG-602	IG-880VB	IG-642VB
Hardware Interface									
Total Port Number	12	8	8	6	5	8	6	8	6
Gigabit RJ45 Port	8	6	8	4	-	-	4	8	4
10/100Mbps RJ45 Port	-	-	-	-	4	8	-	-	-
Fiber Port	4	2	0	2	1(SC)	-	2	-	2
PoE Standard	802.3at/af	802.3at/af	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	-	8	4
Max PoE Budget	240W	120W	120W	110W	110W	110W	-	100W/36V	100W/36V
Max PoE Per Port	30W	30W	30W	30W	30W	30W	-	30W	30W
Dual Power Input	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	48V~56Vdc	12V~56Vdc	12V~36Vdc	12V~48Vdc
Power Connector	Terminal Block	Terminal Block	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	Din-Rail	Din-Rail
Operation Temperature	-40 ~75℃	-40 ~75℃	-40 ~75℃	-40 ~75℃	-40 ~70℃	-40 ~70℃	-40 ~70℃	-40 ~70℃	-40 ~70℃
Switch Architecture									
Switch capacity (Gbps)	24	16	16	12	1	1.6	12	16	12
MAC Address	8K	8K	8K	1K	1K	1K	1K	1K	1K
Jumbo Frame	9K	9K	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/V3	V1/V2c/V3	V1/V2c/V3	-	-	-	-	-	-
SNMP Trap	■	■	■	-	-	-	-	-	-
SNMP private MIB	■	■	■	-	-	-	-	-	-
CLI command	■	■	■	-	-	-	-	-	-

LAN Switch Series Specification

▶ Overview

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	Unmanaged		Fiber Converter / Transceiver
Model	SNMP-24MGB Plus	SNMP-GSH2804L	Live-M8G	Model	MC-1000SFP
Hardware Interface				Hardware	
Total Port Number	24	28	8		Gigabit RJ45 and SFP Fiber Converter
Gigabit Port RJ-45	-	24	8		1 SFP GbE Port
Fiber Port SFP	20	4	-		1 RJ45 GbE Port
Combo Port	4	-	-		802.3x flow control
Power Input	110~240VAC, 48VDC	110~240VAC	5V/1A adapter		Auto MDI/MID-X for TX port
Rack Mountable	■	■	-		
Operation Temperature	-20~60℃	0~50℃	0~50℃		
Switch Architecture					
Switch capacity (Gbps)	48	56	16		
MAC Address	8K	8K	4K		
Jumbo Frame	9K	9K	9K	Model	SFP-LX-10
Major Software Feature				Hardware	
Switch Layer	L2+	L2	-		1000Base-LX MiniGBIC Transceiver
Topology View	■	-	-		1310nm FP, 10KM
Floor View	■	-	-		Duplex LC Connector
Map View	■	-	-		Hot Pluggable
Port Trunk (LACP)	■	■	-		
VLAN	■	■	-		
VLAN Trunking	■	■	-		
(R)STP	■	■	-		
QoS	■	■	-		
Access Control	■	■	-	Model	SFP-SX
LACP	■	■	-	Hardware	
UPNP	■	-	-		1000Base-SX MiniGBIC Transceiver
DHCP Server	■	-	-		850nm VCSEL, 500m
DHCP Snooping	■	-	-		Duplex LC Connector
SNMP	V1/V2c/V3	V1/V2c	-		Hot Pluggable
SNMP Private MIB	■	-	-		
SNMP Trap	■	■	-		
RMON	■	-	-		
E-mail Notification	■	-	-		
CLI	■	-	-		
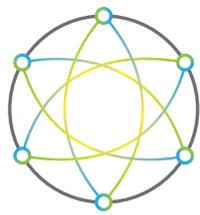
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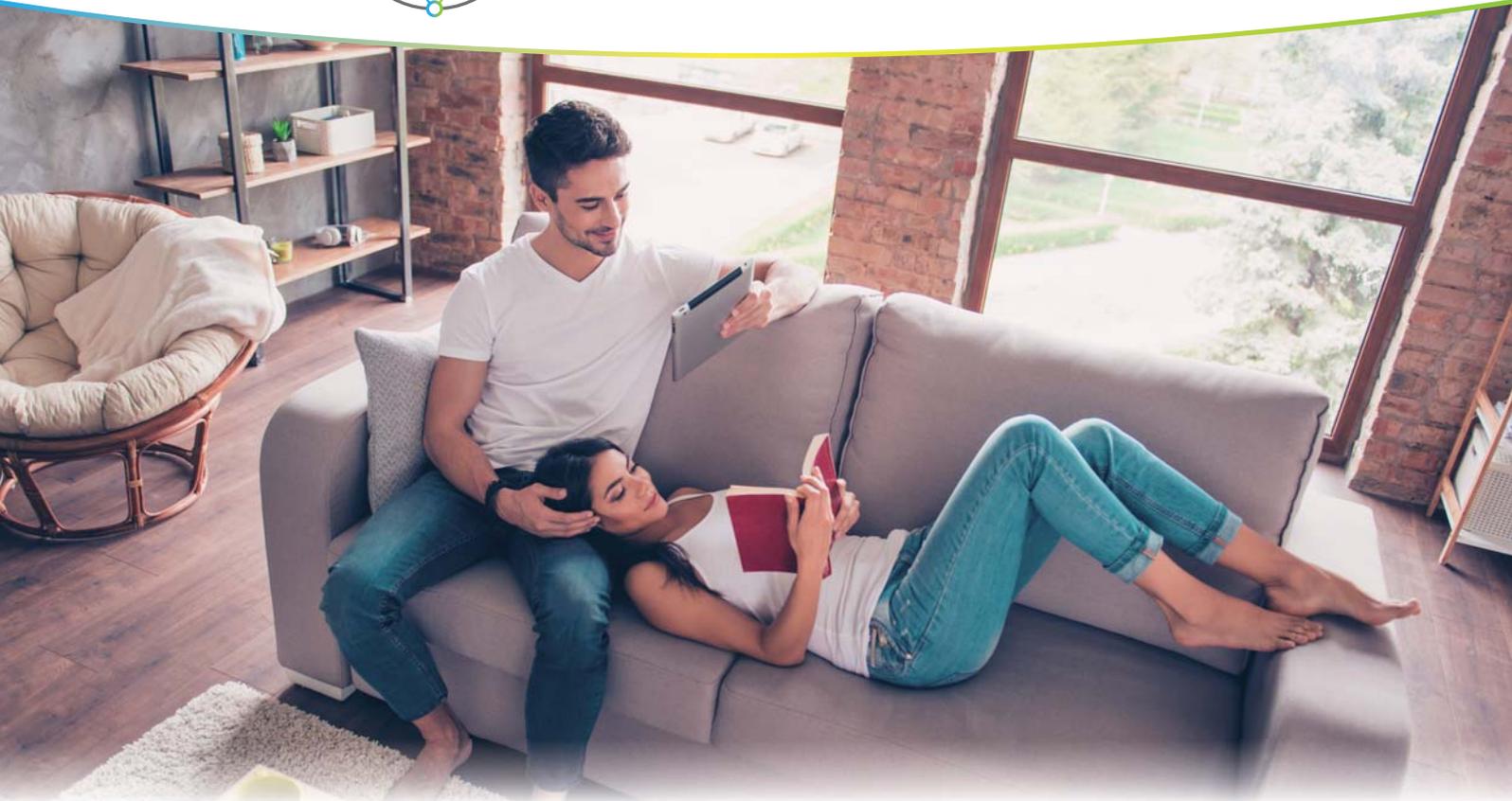
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