AirLive
Product Catalog

2024 AirLive Innovations

Wired Connectivity Network Switches

1G | 2.5G | 10G | 40G | 100G

- Industrial
- Unmanaged
- Web Smart
- Layer 3/2
- POE AF AT BT

AirCloud Wireless Central Management

AX54| AX30 | AX18 | AC12

- AirCloud
- Ceiling AP
- InWall AP
- Outdoor AP
- Phone APP

Telecom 10G PON OLT EMS Cloud

2.5G | 10G

- OLT EMS Cloud
- ONU/Optical
- Transmitter

AirCAM AI Enterprise Surveillance

Vandal Dome|IP66 Bullet |PTZ

- ECO
- Smart-AI
- NVR
- Software NVR
- Phone APP

M2M

4G Industrial|5G Industrial

- 4G Router
- 5G Router

Innovations for - Resident • SMB • Enterprises • Hotel • Campus • ISP & WISP • Industries

10G | 2.5G |100G

MULTI GIGA SWITCH
10G | 2.5G Family
unmanaged
web smart
layer 3
airlive®

Data Centre Switch

- Layer3
- Full Port 2.5G 10G 25G 100G
- Full Fiber
- 24/32/48/54 port
- Dual Power Redundant

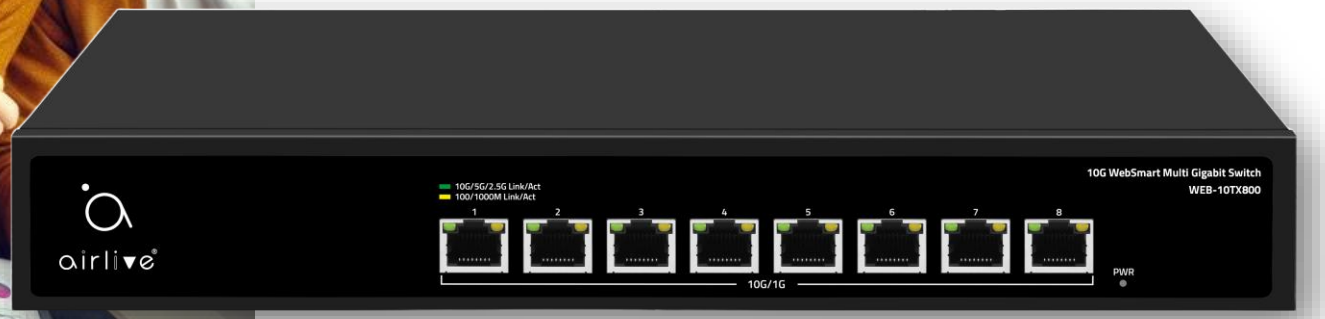
Application

- Data Centre/ Telcom Service/ AI Data Centre/High Speed Services

Full Range 10G Switch

upgrade your exist network

- Unmanaged/Web/Layer3
- 8~48 Port
- Full 10G port
- 10G RJ45 support



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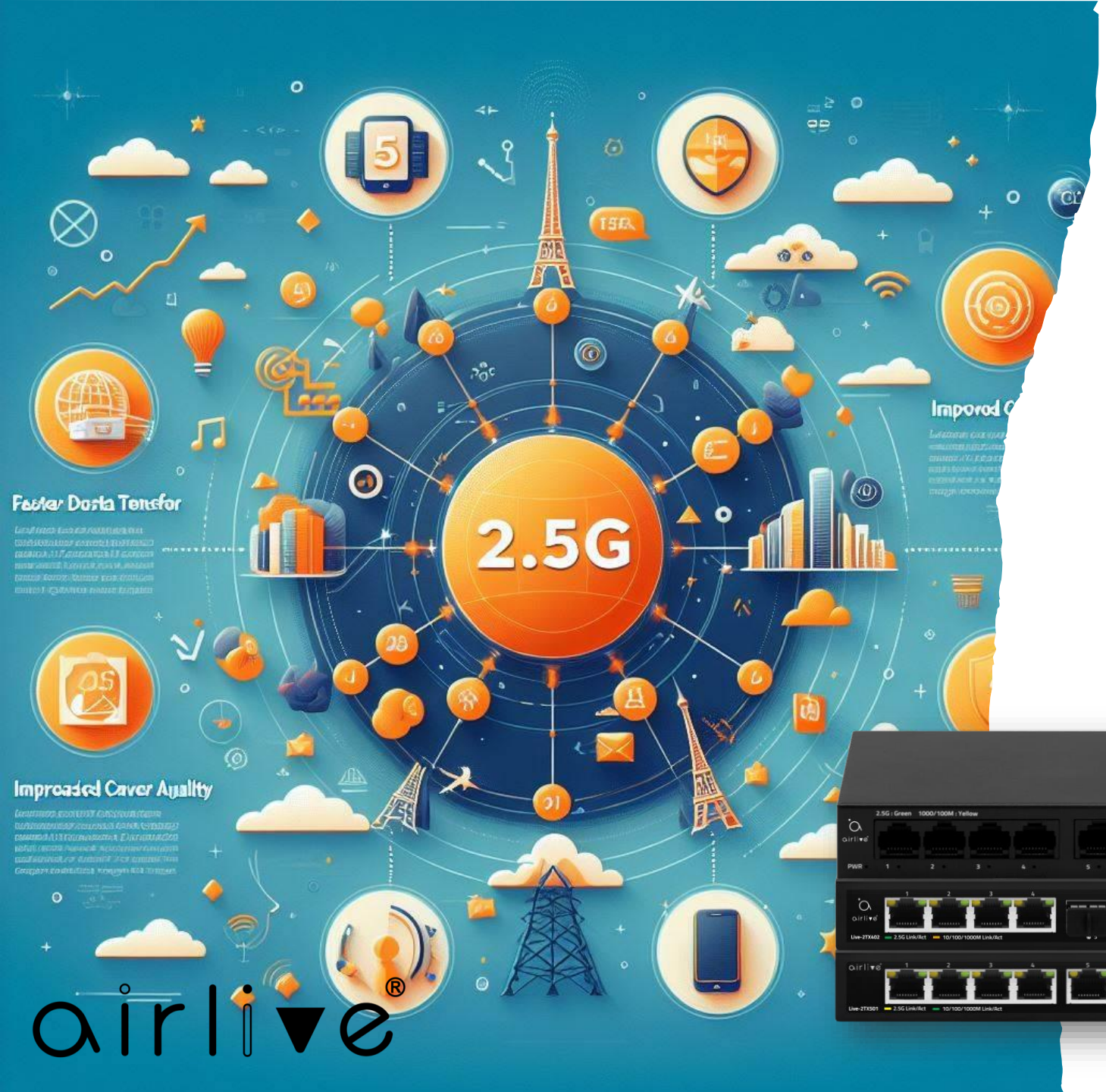

Full Range 2.5G Switch

upgrade your exist network

- Unmanaged/Web/Layer3
- 4~48 Port
- Full 2.5G port
- 10G Fiber support
- PoE AT/BT support

2.5G Revolutionizing network

- **High-Definition Video Streaming**: Perfect for 4K and higher resolutions, providing the necessary throughput for uninterrupted streaming.
- **Wi-Fi 6 Networks**: Complementing the latest Wi-Fi 6 technology by maximizing its potential with higher transmission speeds.
- **Gaming**: Offering gamers a competitive edge with faster download speeds and smoother online play.
- **Smart Homes and Offices**: Enhancing the connected experience in smart buildings with faster data transfer for numerous IoT devices.
- **Content Creation**: Assisting creators and professionals in quickly uploading and downloading large media files.

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Industrial Switch

Full Range industrial Switch

- Unmanaged
- Layer2
- Layer3
- Operation temperature
  - -40c to 85c
- 4~14 Port
- Giga to 2.5G
- Fiber support
- PoE AT/BT support

Industrial Switch Application

- **Factory Automation**: Connecting equipment and ensuring real-time transmission for automated processes.
- **Power Substations**: Ensuring stable network support for critical energy distribution.
- **Transportation Systems**: Supporting communication for intelligent transportation systems (ITS).
- **Mining**: Connecting devices in remote and harsh mining locations.

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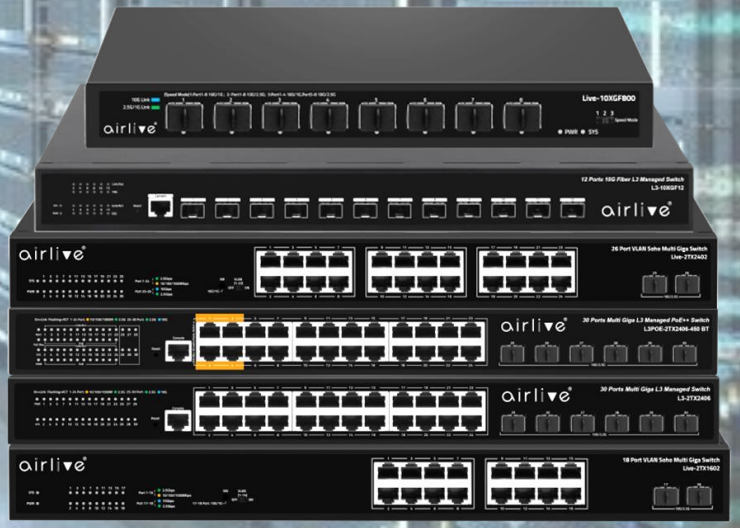
Web Smart

Core Switch

Layer 3

Unmanaged



Layer 2

With Airlive
Always Connected

AirLive Solution
Enterprise Wireless

Enterprise Wireless Controller

Enterprise Wireless Ceiling AP

Enterprise Wireless Outdoor CPE

Enterprise Inwall AP

Enterprise Wireless Cloud

The Family - AirCloud and Wireless AP

Central Management | **Cloud** | **WiFi Roaming** | **No AP number Limit via Cloud** | **11AX** Ceiling/ In-Wall/ Outdoor | **PoE** | **24/7** | **Wireless Controller**

AirCloud is a cloud-based software controller, developed by AirLive which is specially designed for managing AirLive Wireless Access Points, including ceiling AP, In-wall AP, and outdoor AP (CPEs) and hardware wireless controller in option such as backup. Each device (AP) can work as stand-alone AP for cyber integration or, to manage centrally via AirCloud.

Key features of AirCloud

- ✓ Centralized Management |Multiple APs Setting |Monitoring
- ✓ Automated Configuration Template
- ✓ Online Customize Auth Portal
- ✓ 1 Year Configure Log Record
- ✓ 2 Level Account
- ✓ Security features

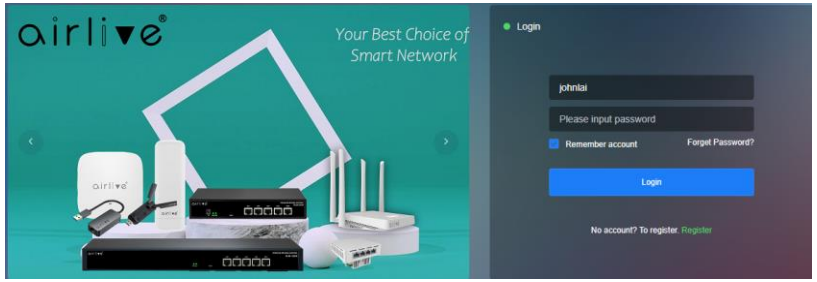
AirCloud Seamless Wireless Connectivity

AirCloud Cloud Portal - Supported Equipment

Wireless Controller

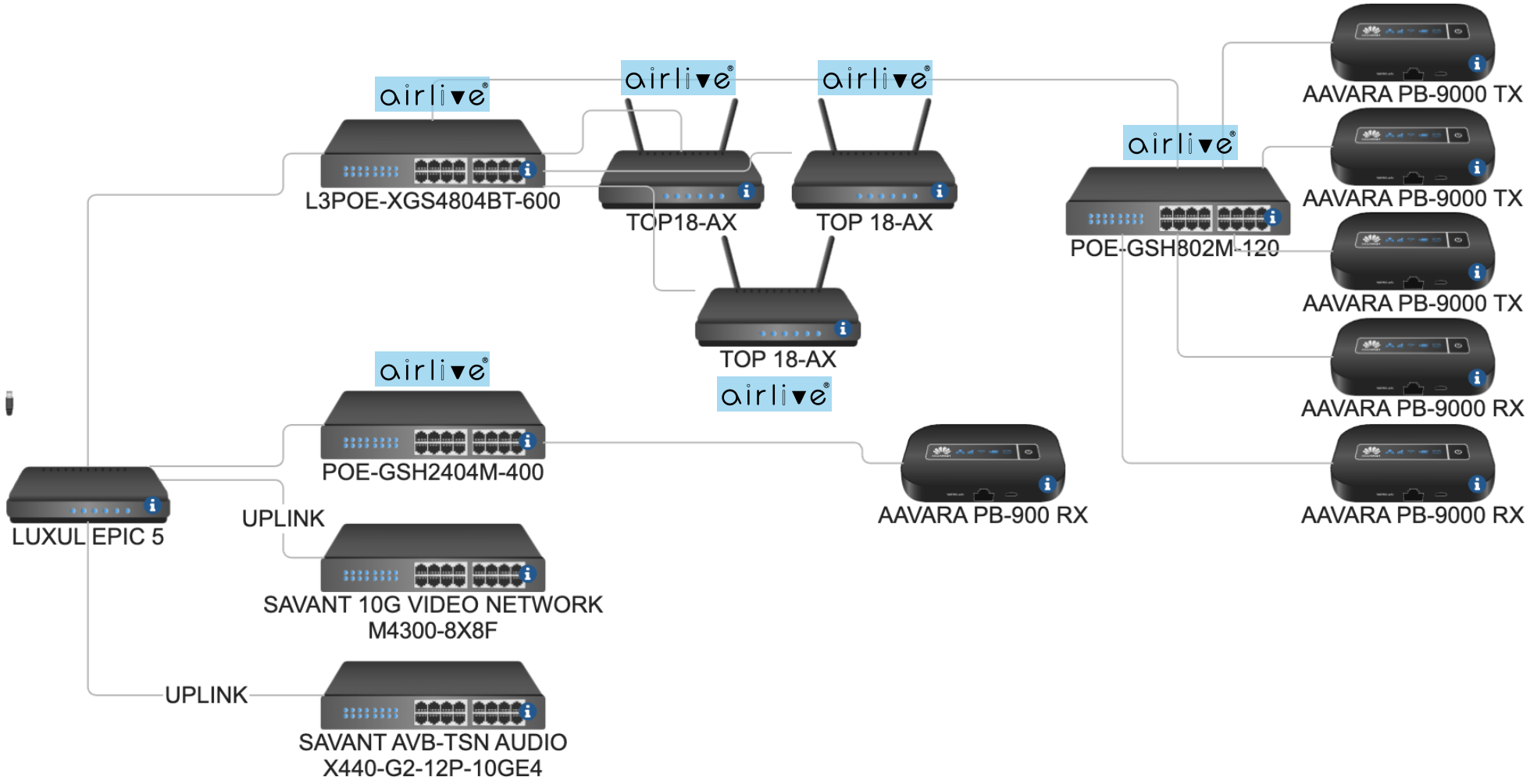
Wireless AP

Inwall Wireless AP

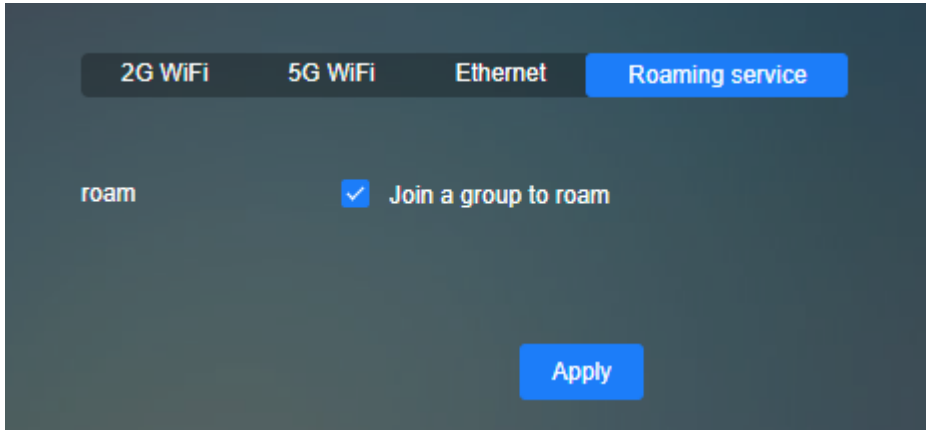


Outdoor
Wireless AP

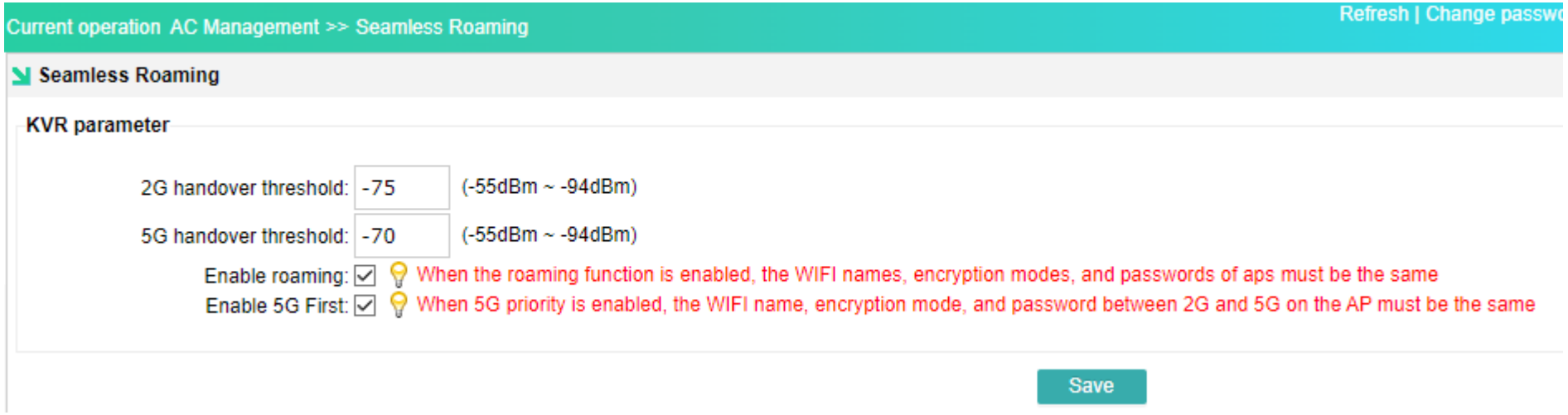
AirLive Celing AP with AV Transmitter



Setup Wireless Roaming with AirCloud



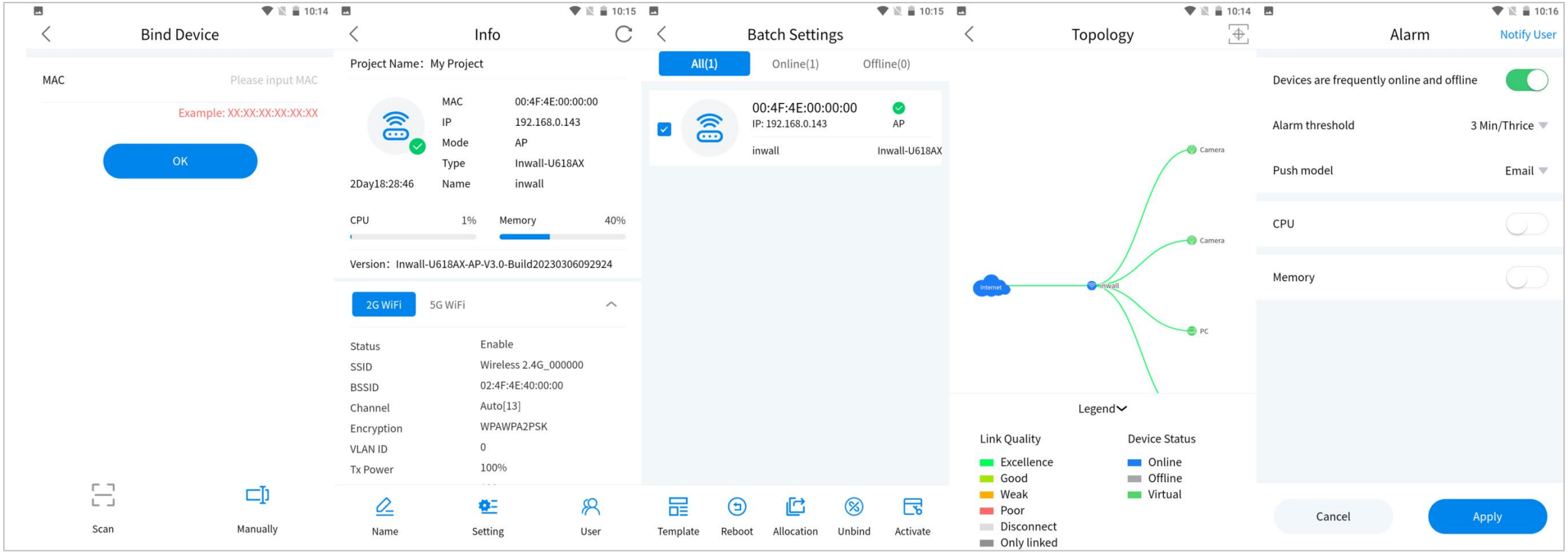
Setup Wireless Roaming with Controller



AirCloud Cloud Portal - Using Cloud Android App

Using a cloud app for managing and configuring your network devices:

1. Login by cloud account
2. Bind device by APP
3. View current Wi-Fi device via cloud APP
4. Configure Wi-Fi settings and templates
5. Network Topology review and troubleshooting
6. Device alarm configure



AirCloud –Multi Wan WiFi Controller Gateway

SDW-128GM

Suitable for Hotel, School, and Office

SDW-128GM

Function as standalone UTM Gateway

- Optional function to be as Enterprise standalone UTM Gateway
- 1(4)x Giga Lan, 1(4)x Giga Wan
- **WAN Bonding**
- IPTV Setting Support
- Firewall support: IP/Mac/URL Filter
- User Link Flow Monitor
- Port Mapping/DMZ Support
- Internet status Monitor

Function as Wireless AP Controller

- Major function, to manage and work with selected wireless AP or CPE
- 802.11kvr Seamless WI-FI Roaming
- **Support 128 Aps one touch deploy**
- **AP Config Template/Deploy**
- Supports batch setup and configuration with group firmware upgrade & group restart
- **Auto AP discovery**
- AP Controller Operation Mode
- Central config the SSID, password, RF power ,IP address, channel, AP location
- Smart QoS/Behavior Control
- AP Controller to manage multiple AP centralized
- AP Automatic Upgrade

- ✓ **Work with all inwall AP/Ceiling/Outdoor AP**
- ✓ **Support 128 AP's**
- ✓ **Support AirCloud**

AirCloud –Multi Wan WiFi Controller Gateway

What is new on Wireless Controller

AirCloud –Multi Wan WiFi Controller Gateway

Suitable for Hotel, School, and Office

Model	WLAN-64GM	WLAN-128GM	SDW-128GM
WAN	1	1	1 (Max 4)
LAN	4	4	1 (Max 4)
Max AP	64	128	128
Wan Bonding	No	No	Y(4)
Operation Mode	AP Controller/Enterprise Gateway		
Cloud Portal Auth	MAC Auth, member auth , one-click auth, No Auth		
AP Manage	Auto AP discovery, **AP Config Template** or Central config the SSID, password, RF power, IP address, channel, AP location		
Management	AirCloud		

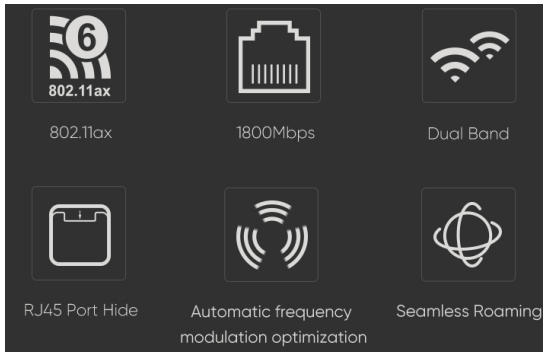
AirCloud – Wireless Indoor Ceiling AP

Qualcomm

✓ **Free management software**

Suitable for Hotel, School, and Office

Central Management Supported	Cloud Management supported	Live Status Monitor	AP/Gateway Mode
2.5 Giga WAN	Seamless Roaming	FIT/FAT Mode	48V PoE



Model	TOP12AC	TOP18AX	TOP30AX	TOP30AX -2.5G	TOP54AX-2.5
Wireless	WiFi5 AC1200	WiFi6 AX1800	WiFi6 AX3000	WiFi6 AX3000	WiFi6 AX5400
Physic Port	2x Giga POE	2x Giga POE	1x Giga POE	1x2.5Gb PoE 1X Giga	1x2.5Gb PoE 1X Giga
Software	WIFI channel analysis Support 8 Multiple SSID AP, Gateway, FIT/FAT AP 802.11kvr Seamless WI-FI Roaming				
Management	WLAN Controller AirCloud				

Ceiling AP Application

Application Scenarios: Restaurant, Hotel, Shopping Mall, Exhibition Centre, Meeting Room

Restaurant

Hotel

Shopping Mall

Exhibition Centre

Meeting Room

Wireless Roaming Services

AirCloud – Wireless InWall AP

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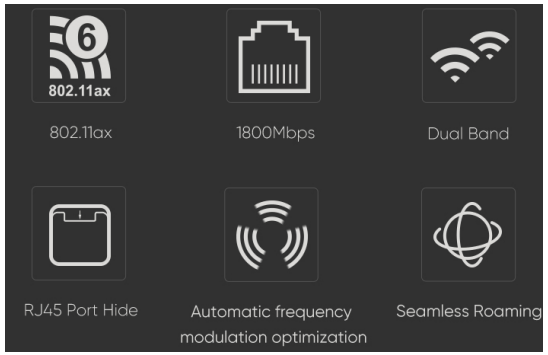
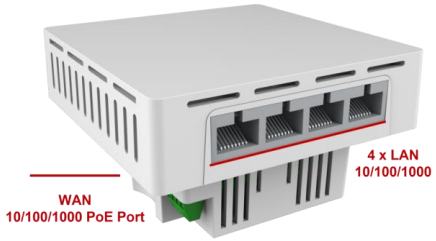
Qualcomm

✓ **Free management software**

Suitable for Hotel, School, and Office

Central Management Supported	Cloud Management supported	Live Status Monitor	AP/Gateway Mode
2.5 Giga WAN	Seamless Roaming	FIT/FAT Mode	48V PoE





Model	InWall-U168AX	InWall-30AX
Wireless	WiFi6 AX1800	WiFi6 AX3000
Physic Port	1x Giga PoE 4x Giga	1x 2.5Gb(PoE) 1x Giga
Software	WIFI channel analysis Support 8 Multiple SSID AP, Gateway, FIT/FAT AP 802.11kvr Seamless WI-FI Roaming	
Management	WLAN Controller AirCloud	

Inwall AP Office Application

PoE Switch

Inwall AP

Inwall AP

Inwall AP

InWall AP Application

Application Scenarios: Restaurant, Hotel, Shopping Mall, Exhibition Centre, Meeting Room

Restaurant

Hotel

Shopping Mall

Exhibition Centre

Meeting Room

AirCloud – Wireless Cloud solution, Wireless Outdoor

Qualcomm

airlive®

Outdoor AX | AC | N

Antenna Integrated

AirCloud

IP67|65

POE

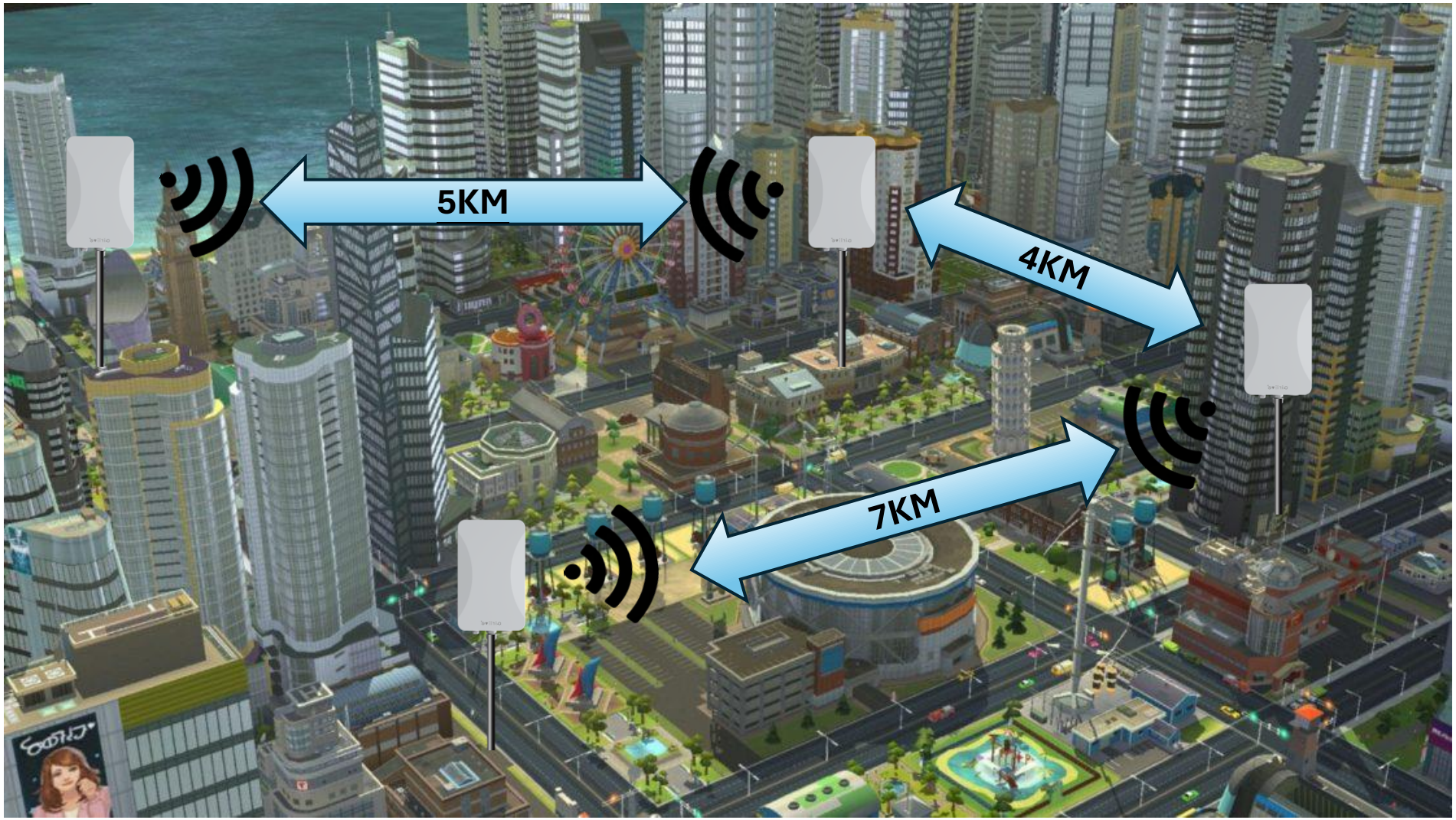
Model	AWOD-30AXi	AWOD-12ACi	AirDual-AC12	AirMax5XII
Wireless	WiFi6 AX3000	WiFi5 AC1200	WiFi5 AC1200	WiFi4 N300
PTP Distance	300M2	200M2	5KM	3KM
Port	1xGiga PoE 48V			1x100mbps PoE 48V
Antenna (H)	360°	360°	60/14°	33°
Antenna (V)	44°	44°	60/7°	33°
Software	WIFI channel analysis Support 8 Multiple SSID AP, Gateway, Repeater 802.11kvr Seamless WI-FI Roaming			4x SSID AP, Repeater
Management	AirCloud			None

Outdoor AP Applcation

Application Scenarios: Long distance wireless connection
Point to Point

Outdoor AP Applcation

Applcation Scenarios: Point to Multiple Point Connection



Outdoor AP Application

Application Scenarios: Hotel Swimming Pool

Outdoor AP Application

Application Scenarios: Smart City, Hotel Outdoor Service, Smart Farm, Exhibition Centre, Offshore Wind Farm

Smart City

Hotel Outdoor Service

Smart Farm

Exhibition Centre

Offshore Wind Farm

AirLive Solution – Home Wi-Fi

Wi-Fi 6 Router

Wi-Fi6 USB

MESH Bundle AX 1800Mbps Wireless 6

WiFi6 AX1800 Mesh Router

- WiFi6 AX1800
- Hardware Button 1 touch setup wireless Mesh
- 1x Wan 4xLan

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USB-18AX: Wi-Fi 6 AX 1800Mbps USB3.0 WiFi Adapter

- WiFi6 AX1800
- USB3.0
- Driver built-in
- Windows/Linux/Mac Os

AirLive Broadband PON Solution

Cloud EMS

Gpon OLT

Gpon ONU

Gpon WDM

AirLive Cloud EMS

Main Features

Cloud Platform

- One click deployment, convenient, safe and fast
- Operation and maintenance anytime, anywhere
- Can be deployed in window or linux system

Batch Management, Plug & Play

- Automatic authorization management
- Execution plan management
- Support GPON OLT series management

Monitoring

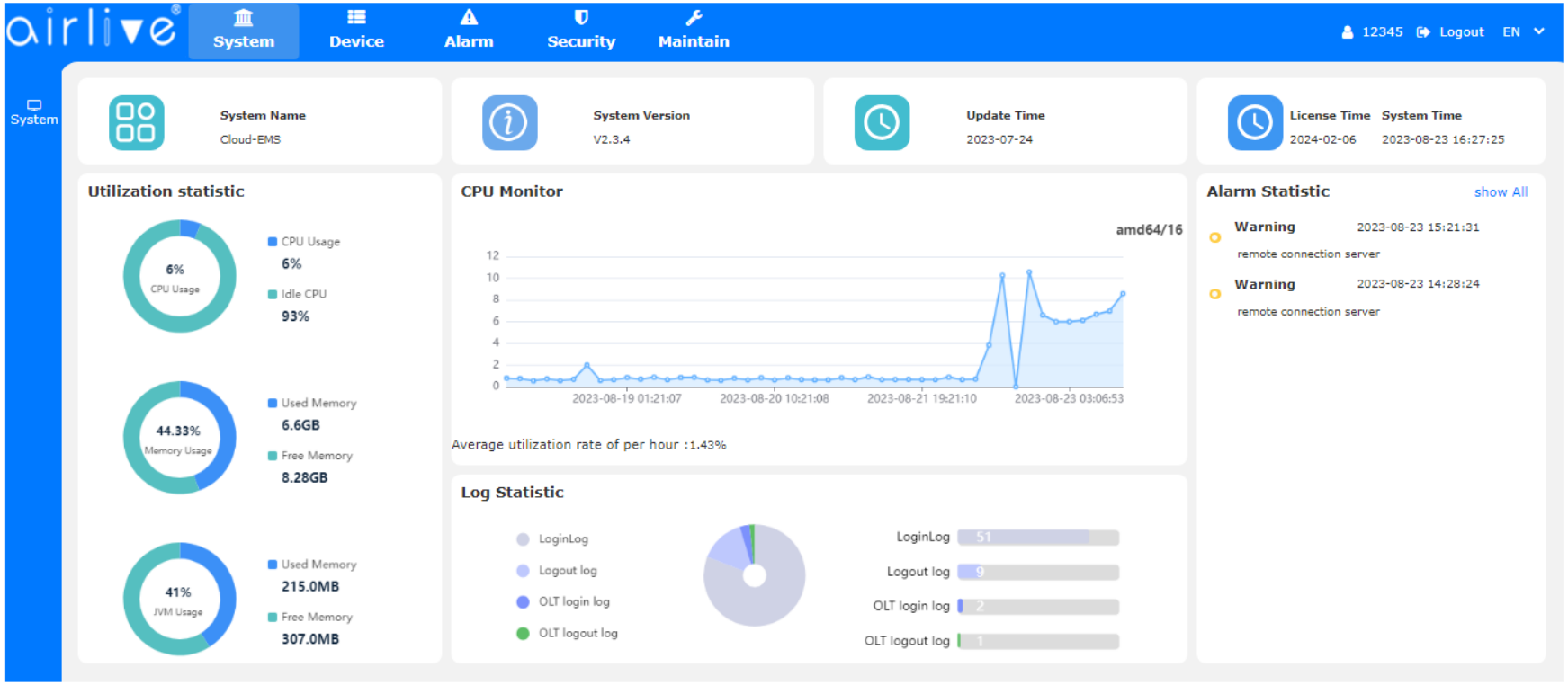
- arge-scale collection of practical data, real-time monitoring
- Log records
- Alarm collection and mailbox push

Master & Slave Data Backup

- Automatic hot data backup
- Disaster recovery
- Uninterrupted business

Real-time Data Collection & Analysis

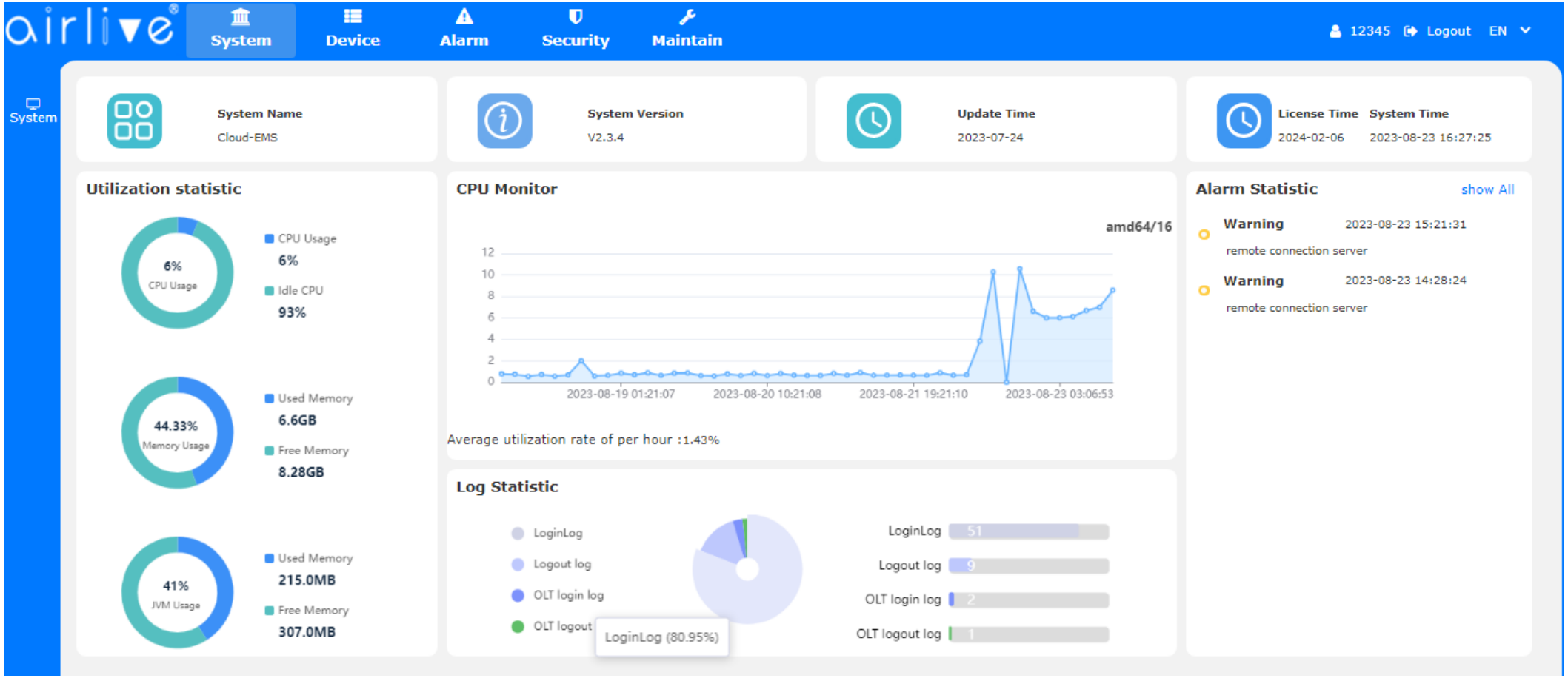
- Real time collection of system and equipment operating status
- Analysis of system and equipment health status



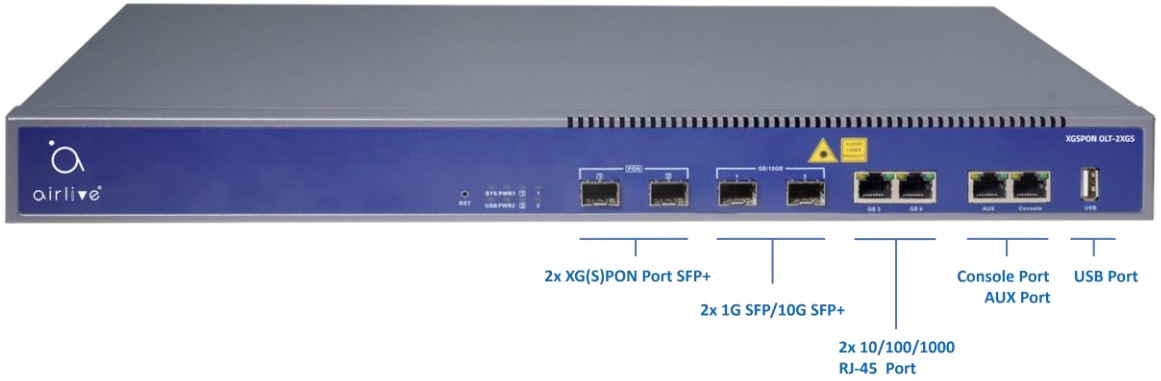
Key function of AirLive EMS Cloud

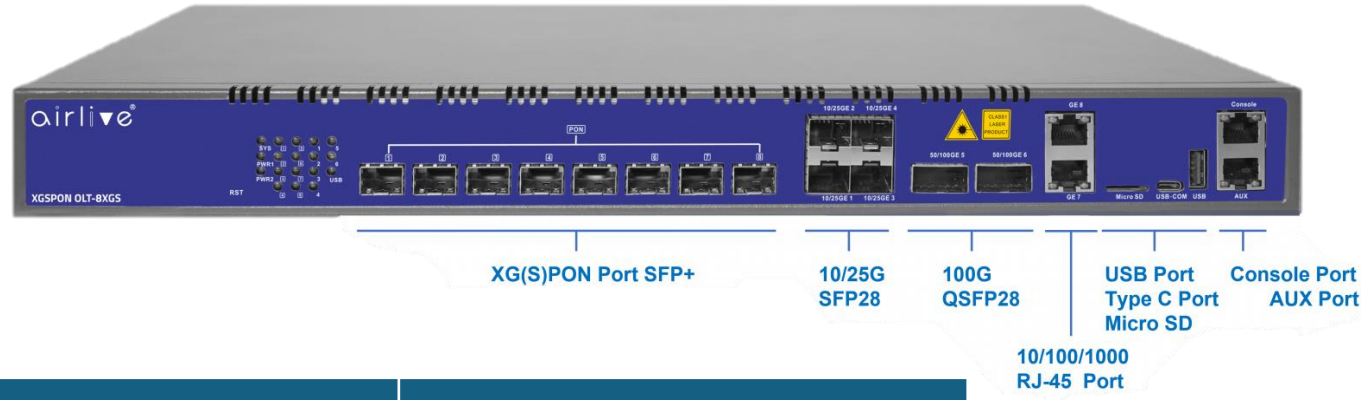
Real-time Network monitoring: AirLive EMS Cloud provides real-time monitoring of network performance, including traffic analysis and device health status, allowing administrators to quickly identify and troubleshoot issues.

Different access levels: AirLive EMS Cloud offers different access roles for management of the platform; these roles can be for viewing or full control of the platform.



XG/XGS-PON OLT and Cloud Solutions





Model	OLT-2XGS	OLT-8XGS
Pon Port	2	8
SFP Uplink	2x 10G	2x 25G
QSFP Uplink	N/A	2x 100G
RJ45 Uplink	2x Giga	2x Giga
Support Device	512 Onu	2048 Onu
Pon Speed	XG-PON ONU: UL 2.5Gbps, DL: 10Gbps XGS-PON ONU: UL 10Gbps, DL: 10Gbps	

XG/XGS-PON ONU

Model	ONU-10XG-AX304P-2.5G	ONU-10XGS-AX304P-2.5G
Pon Speed	UL 2.5Gbps, UL: 10Gbps	UL 10 Gbps, UL: 10Gbps
Lan Port	1x 2.5G	1x 2.5G
Lan Port	3x Giga	3x Giga
Wireless	AX3000	
Telephone	1x POTS(SIP)	
USB Port	1x USB3.0	

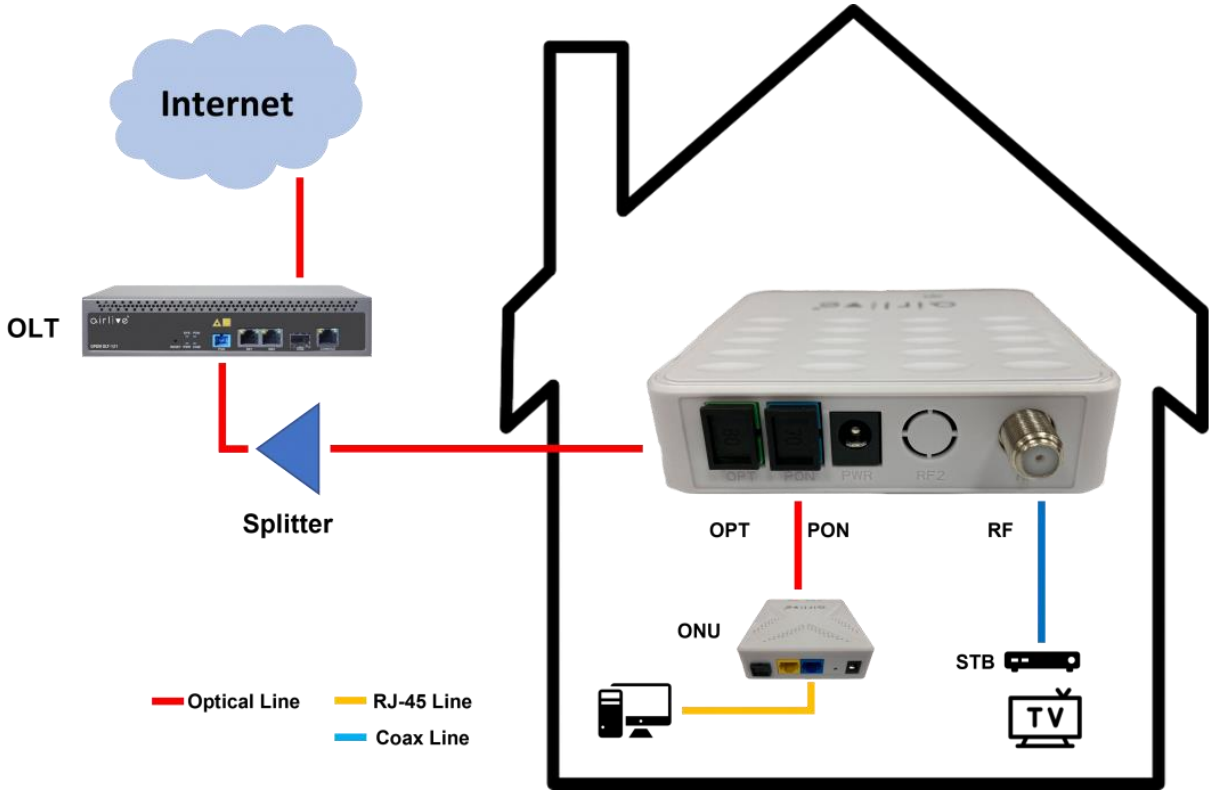
GPon OLT and Cloud Solutions

Model	OLT-121	OLT-422	OLT-824	OLT-1644
Pon Speed	1.25Gbps UL/2.5Gbps DL			
Pon Port	1 built-in	4	8	16
Support Device	128	512	1024	2048
Uplink RJ45	2x Giga	2x Giga	2x Giga	4xGiga
Uplink SFP+	1x 10G	2x 10G	2x Giga 2x10G	4x 10G

Gpon to CATV ONU

AirLive GPON ONU-CATV

- ✓ 1 GHz operating bandwidth
- ✓ WDM integrated (1490nm/1310mn) PON
- ✓ RF output level adjustable, 0~ 20dB
- ✓ Optical AGC range:0 to -15dB
- ✓ Wide optical power input range -18~+2dBm
- ✓ Low power consumption<1.0W

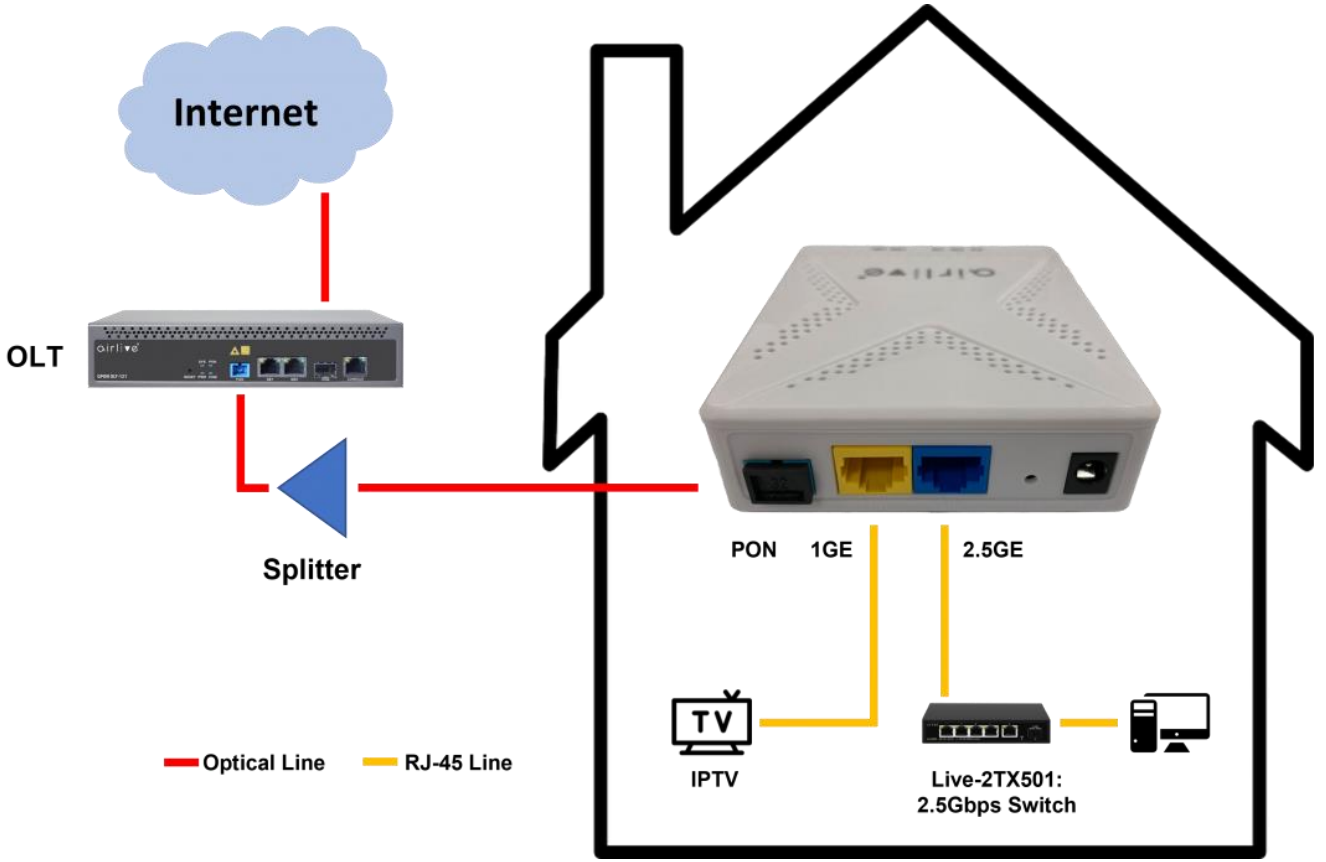


- ✓ **Gpon to CATV**
- ✓ **CATV port**
- ✓ **Price affordable**

2.5GE xPON ONU

AirLive GPON 2.5GE XPON ONU

- ✓ 1*XPON+1*2.5GbE+1*GE ONT
- ✓ Support 2500mbps Lan port x1

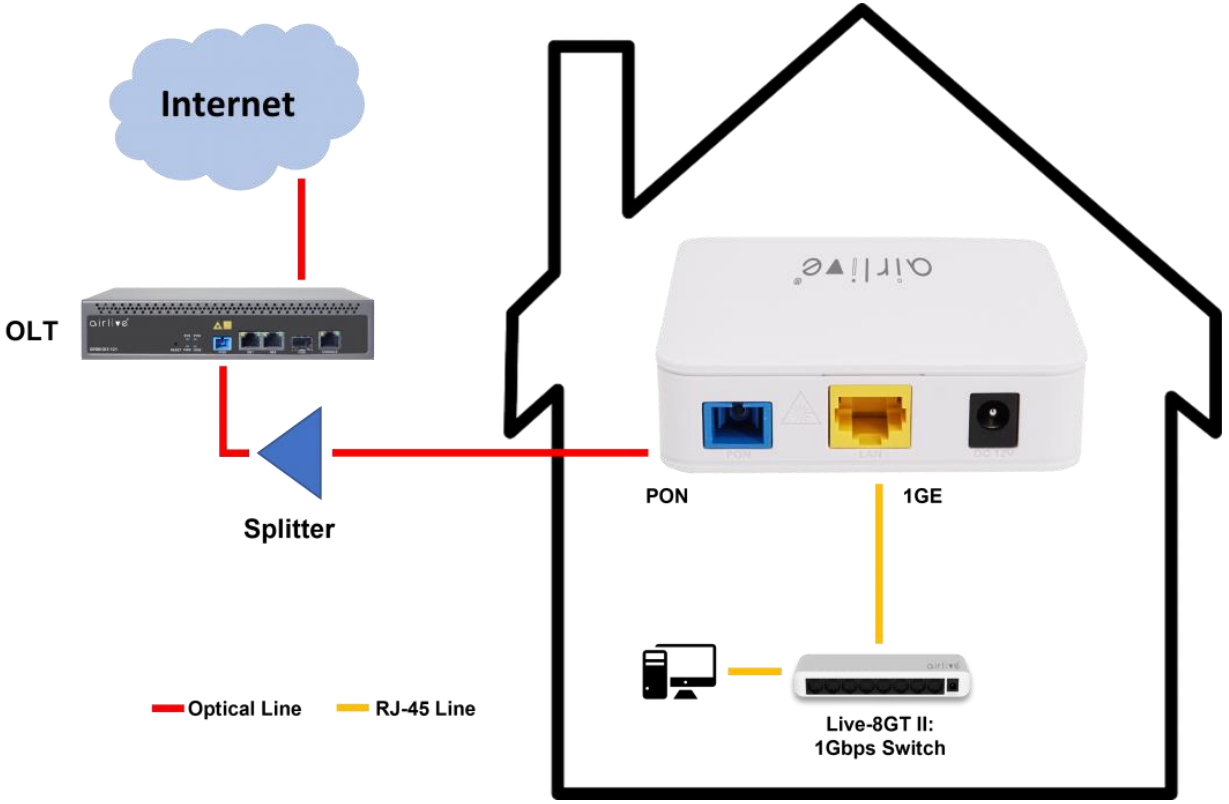


- ✓ xPon
- ✓ 2.5GE Port
- ✓ Price affordable

XPON ONU-1GE

AirLive XPON 1GE XPON ONU Single Port

- ✓ 1x XPON Dual Mode Automatically Access to EPON/GPON
- ✓ 1x 1Gbps RJ-45 Port for High-speed networking
- ✓ Powerful Firewall
- ✓ Small size easy to use



- ✓ xPon
- ✓ 1GE Port
- ✓ Price affordable

Gpon/ XGSpon Application

Application Scenarios: Telcom, Smart City, Hotel

Telcom

Smart City

Hotel

AirCAM Surveillance Solution

- AirLive AirCAM, Enterprise and SMB Surveillance Solution
- AirCAM NVR (ANVR)
- AirCAM ECO PoE Camera
- AirCAM Smart AI PoE camera
- Full Range of business type PoE Camera/NVR
- APP Support/ Windows/ Android/ Apple IoS

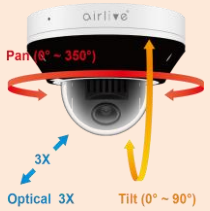
AirLive AirCAM, Enterprise Surveillance Solution

High Resolution IP Camera

AirCAM – Enterprise Surveillance

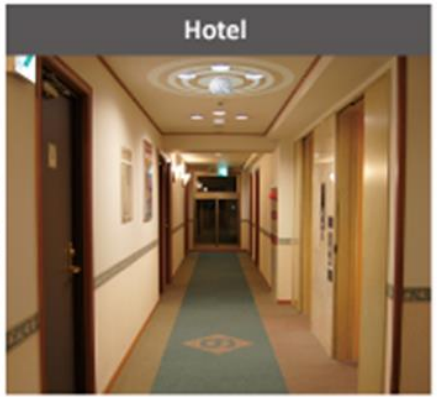
AirLive AirCAM Surveillance IPCAM

AirCAM Smart AI PTZ Series

PTZ Bullet	PTZ Dome	Bullet	Dome
			
PTZB-630MAI	**PTZD-630MAI**	**BU-640MAI**	**VD-640MAI**
PTZ Bullet Smart AI	PTZ Dome Smart AI	Bullet Smart AI	Dome Smart AI
6MP, IP66, 802.3af PoE	6MP, IP66, 802.3af PoE	6MP, IP66, 802.3af PoE	6MP, IP66, IK10, 802.3af Po
PTZ	PTZ	-	-
2.8-12mm Motorized	2.8-8mm Motorized	2.8-12mm Motorized	2.8-12mm Motorized
4X Optical Zoom	3X Optical Zoom	4X Optical Zoom	4X Optical Zoom
30M IR D-WDR	30M IR D-WDR	40M IR D-WDR	40M IR D-WDR
Built-in MIC and Speaker	Built-in MIC and Speaker	Built-in MIC/SD-Slot/DIDO	Built-in MIC/SD-Slot/DIDO
Smart AI	Smart AI	Smart AI	Smart AI

AirCAM ECO Series

ECO Bullet	ECO Bullet	ECO Dome	ECO Dome
BU-225S	**BU-240M**	**VD-240M**	**MD-215**
ECO Bullet	ECO Bullet	ECO Dome	ECO Mini Dome
2MP, IP66, 802.3af PoE	2MP, IP66, 802.3af PoE	2MP, IP66, IK10, 802.3af PoE	2MP, IP66, 802.3af PoE
-	-	-	-
3.6mm Fixed	2.8-12mm Motorized	2.8-12mm Motorized	3.6mm Fixed
-	4X Optical Zoom	4X Optical Zoom	-
25M IR D-WDR	40M IR D-WDR	40M IR D-WDR	15M IR D-WDR
-	-	-	-
-	-	-	-



ANVR –Network Video Recorder, Linux Based

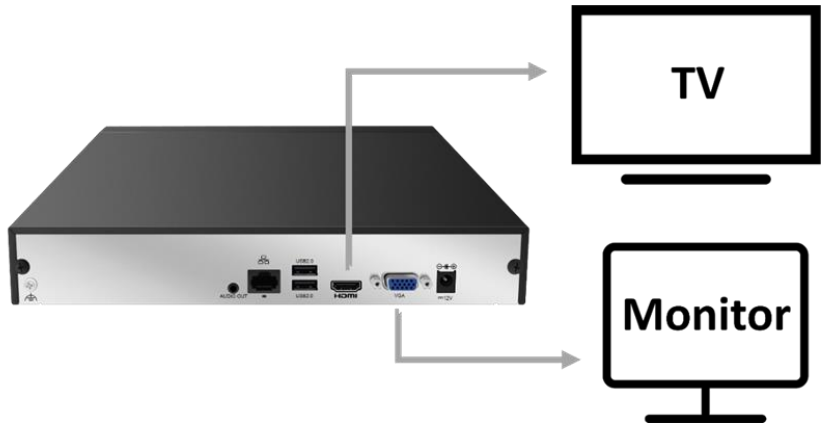
Smart AI Human/Vehicle

Real-time Remote Monitoring

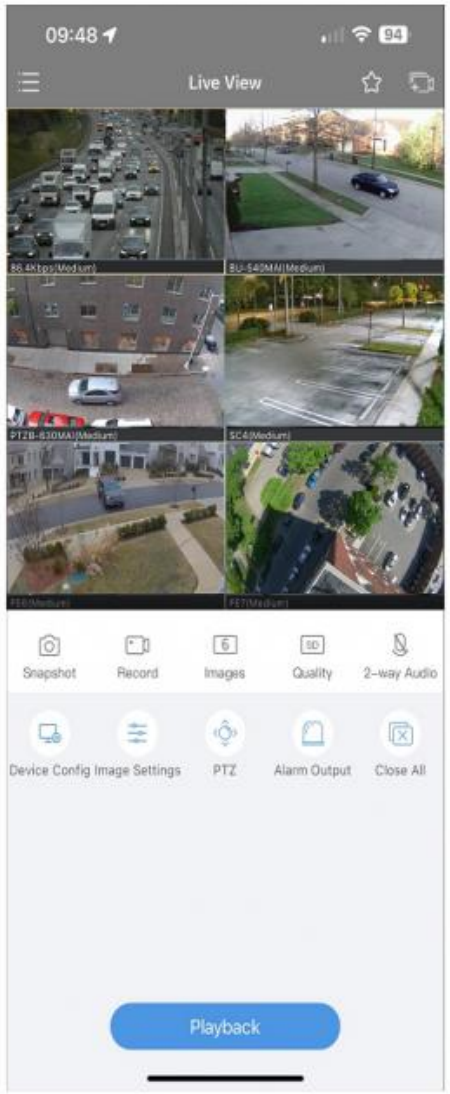
Dual Monitor Support

Smart & Efficient Search

**** ANVR 4/8/16/32 for SMB; retail; shops/stores;**
**** 64/128CH ANVR in option, PoE in option**



ANVR Model	ANVR4	ANVR8	ANRV16	ANVR32 NEW!
Channel	4CH	8CH	16CH	32CH
Max. Recording	25/30fps @ 8MP / 5MP / 3MP / 2MP 1080 Recording			25/30fps @ 12MP / 8MP / 5MP / 1080P Recording
Simultaneous Playback	4CH	8CH	16CH	16CH
IPC Audio Input	4CH	8CH	16CH	32CH
Output	Support 4K HDMI and VGA output (dual monitor capable)			
SATA slots	1	1	2	4
Max. HDD	8TB/HDD	8TB/HDD	8TB/HDD	10TB/HDD
Smart AI	Smart VCA AI functions, work with AirCAM Smart AI IPCAM			
Encryption & ONVIF	H.265+ / H.265 / H.264 compliant; ONVIF Compliant			
APP	ANVR APP Support			
Max. Bandwidth	64Mbps	64Mbps	160Mbps	384Mbps
Smart Intrusion Prevention / Detection /Search	Support	Support	Support	Support



ANVR Android/IOS App Support

Our NVR offers seamless Android and iOS app support, ensuring you stay connected and in control. Liveview your camera feeds remotely, configure camera settings on-the-go, and manage PTZ (Pan-Tilt-Zoom) functionality with ease. Empower yourself with the flexibility to monitor and adjust your surveillance system from anywhere.

What's New
AI VCA Camera

Smart AI VCA IP Cameras

NDAA Compliant

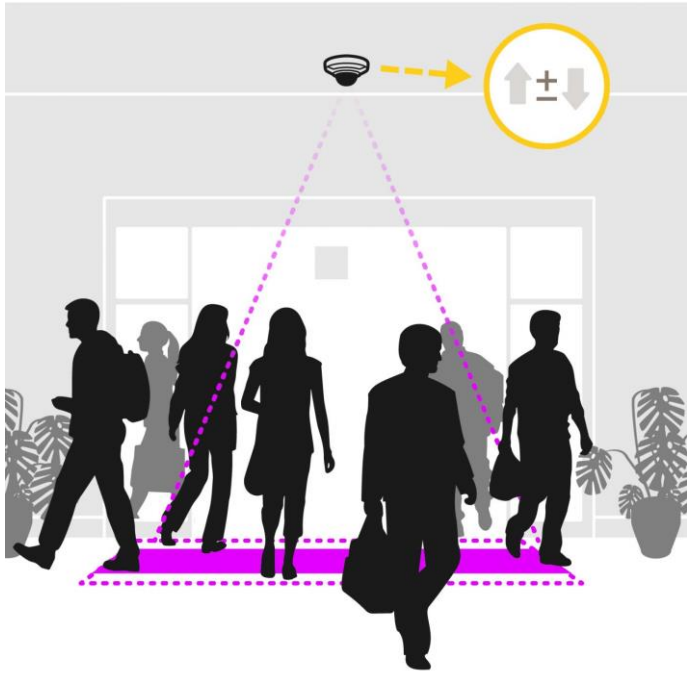
Airlive introduces its latest innovation in video surveillance technology—the AI VCA (Video Content Analysis) IP camera. This cutting-edge camera leverages advanced artificial intelligence algorithms to analyze video content in real time, enabling precise detection of specific events or objects

- **People Flow Counting:**

Accurate people counting is crucial for crowd management, retail analytics, and security.
The AI VCA camera tracks the number of people entering or exiting specific areas.
Retail stores, transportation hubs, and public spaces benefit from this feature.

- **Crowd Density Monitoring:**

In crowded environments, maintaining safe distances is essential.
The camera assesses crowd density and alerts operators when thresholds are exceeded.
Ideal for events, public gatherings, and social distancing compliance.



Smart AI VCA IP Cameras

- **Intrusion Detection:**

Protect restricted zones with intrusion detection capabilities.
The camera identifies unauthorized individuals entering predefined areas.
Security personnel receive immediate notifications, ensuring timely responses.

- **Enter and Leave Area Detection:**

Customize monitoring zones based on your specific needs.
Receive alerts when someone enters or exits designated areas.
Useful for access control, perimeter security, and building management.

- **Cross Line Detection:**

Define virtual lines within the camera's view.
Alarms are triggered when an object or person crosses these lines.
Enhances perimeter security and prevents unauthorized access.

- **Human & Vehicle Detection with Alarm:**

The AI VCA camera distinguishes between humans and vehicles.
Targeted alerts ensure relevant notifications for specific scenarios.
Ideal for parking lots, traffic management, and safety monitoring.

Outdoor

M2M

4G Industrial Router

5G Industrial Router

M2M 4G 5G Router

- WiFi6 AX3000 AC1200 N300
- RS232/485,DIDO
- Dual Power Input
- Wan Fail over
- 1x Wan 4xLan
- Sim Tray Slot

M2M Application

- **Industrial Automation**: M2M is used to monitor and control equipment, improving efficiency and safety in manufacturing plants.
- **Remote Monitoring**: Kiosks equipped with M2M technology can be monitored remotely, allowing for real-time updates and maintenance.
- **Healthcare**: Remote monitoring of patients' health through M2M can improve patient care and reduce hospital visits.
- **Smart Cities**: M2M contributes to the management of traffic control, public safety, and utilities, making cities smarter and more efficient.
- **Logistics and Supply Chain**: M2M enhances tracking and management of assets, optimizing logistics operations.

Various Applications

airlive®

Truck tracking system

WiFi Hot Spot

Bus Surveillance

Smart Meter System

Industrial Sensor Monitor

ATM system

Mobile POS System

Energy System

Outdoor Signage

Thank You!

airlive