

AirLive Network Switches Catalog 2017

Topology
Switch

PoE
Switch

Industrial
Switch

Fiber
Switch

PoE
Extender



Network Switch

- POE or Fiber Topology Switch
- SNMP LAN Switch
- Ring Managed or unmanaged Industrial Switch
- Fiber Optic Media Converter or Transceiver
- POE Extender



Wireless Device

- 4G/LTE Gateway
- Long Distance WiFi CPE
- 11AC Multiple User AP/Router
- AirLive AP Management Software



Network IP Camera

- Innovative Speed Dome with Smart Tracking Function
- Built-in IVS Analytics IP Camera
- H.265 Vandal VF Camera
- People Counting Camera for Smart Store



Smart Life IOT

- Z-wave, Zigbee, WiFi Gateway
- Z-wave Sensor
- Partnering for End to End Networking & Surveillance Solutions

Partnering for End to End Networking & Surveillance Solutions

AirLive® is a worldwide renowned brand specializing in networking solutions. With over 23 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 innovation, AirLive's Auto Topology Gigabit Switches with Google-maps and floor-map helps designing and inspecting network structure conveniently. In addition to providing full-power PoE to Wireless AP and IP cameras, it can show the ONVIF camera's video live stream and monitor the devices' connectivity status. Once the device's signal is lost, the switch can repower the device and bring it back to life. This helps to bring down maintenance cost and increases the device uptime.

AirLive innovative products are designed to focus on providing smart and useful solutions including SMB WiFi, PoE switches, Industrial Networking Solutions, Smart Home, IPCAM, and 4G LTE solutions. Our Smart home series integrates gateway, APP, cloud, sensor and IPCAM into one easy to install solution. The "People Counting" Smartcube IPCAM reports visitors numbers in a day or a typical period that helps smart store doing business analysis successfully.

At AirLive, we offer not only products but also strategic alliance. We support partners on customization basis to ensure the best user experiences possible. Creating win-win situation and to maximize customers' values are always our priorities.



AirLive Topology Switch Series

AirLive® Topology Switch discovers all network devices automatically then displays the network Topology in a tree diagram, E-MAP, or Google Maps forms that helps designing and maintaining structured networks efficiently. In addition, it allows administrators to monitor system's bandwidth and POE consumption as well as the ONVIF Camera video Live Stream remotely for managing or trouble shooting your network system conveniently.

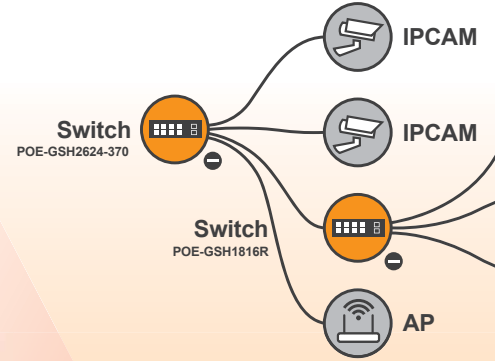
Google Map View



Floor View



Topology View



Floor View and Google Maps

Display the network devices on a floor plan or on Google Maps. You can view the status and manage your device by clicking on the device icons



MD-3025-IVS	
Device Type	IP Cam
Device Name	MD-3025-IVS
Model Name	AirLive MD-3025-IVS
Mac Address	00-0d-0d-a0-00-02
IP Address	192.168.2.100
Http Port	80
PoE Used	3.6 W

Login
Diagnostics

Dashboard
Notification

Z2-Z1 : 0000
Z1-Z2 : 0000

11/23/2016 17:52:40

Device Name
MD-3025-IVS

Model Name
AirLive MD-3025-IVS

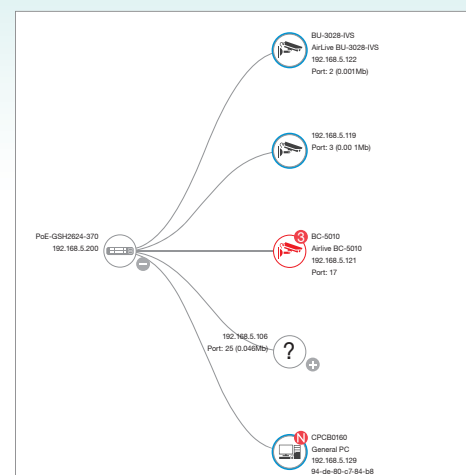
Mac Address
00-0d-0d-a0-00-02

IP Address
192.168.2.100

PoE
4.1 W

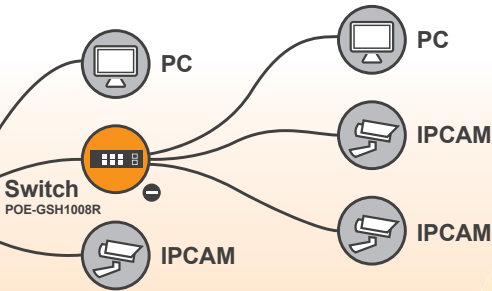
Camera Live Streaming checking

If your IP cameras support ONVIF, the topology switch can display the video Live Stream on the topology view or E-MAP diagram



Auto Topology Diagram

Automatically discover all network devices on your local network and draw out the topology diagram. Let's you view and troubleshoot your network instantly.



AirLive AP management

Automatically discover AirLive Access Points and display them graphically on the topology diagram. Simply right click on the AP and you can configure all the essential wireless settings such as RF Power, Channel, SSID, and wireless key.

AirLive AC. TOP (192.168.1.254)

	2.4G Wireless	5G Wireless
RF Power	100%	100%
Channel	Auto	Auto
SSID	airlive	airlive 5g
Encryption	Disable	Disable
Shared Key		
Broadcast SSID	Enable	Enable

<input type="checkbox"/>	Device Name	IP	MAC	Status
<input checked="" type="checkbox"/>	AC.TOP	192.168.1.254	00-4f-6a-0c-7c-68	---

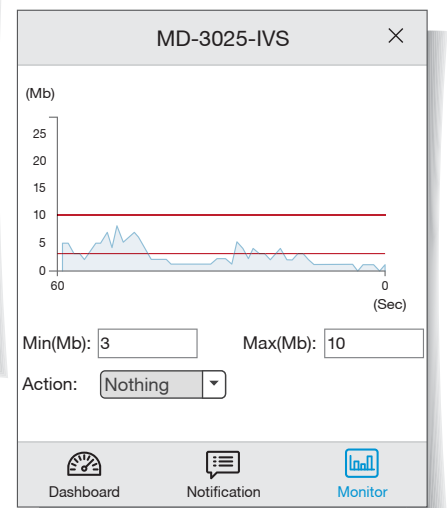
Apply

Real Time Throughput checking

Monitor the bandwidth consumption of your network devices such as your IP cameras. Once the value exceed your preset values, it will send notification to you.

MD-3025-IVS

Device Type	IP Cam
Device Name	MD-3025-IVS
Model Name	AirLive MD-3025-IVS
Mac Address	00-0d-0d-a0-00-02
IP Address	192.168.2.100
Http Port	80
PoE Used	3.6 W



Set up VLAN group Graphical

VLAN is an important function to put devices on the same network group. But configuration is always a complicated procedure. The AirLive Topology switch features graphical VLAN which let you choose which devices need to be on the same VLAN group from the topology diagram.

Device Group Config

cameras

Vlan ID: 3

Name: cameras

Traffic Priority: 6

OUI 1: []

OUI 2: []

OUI 3: []

Apply Delete

Device	Model	IP	MAC
General PC	CPCB0160	192.168.5.129	94-de-80-c7-84-b8
AirLive BU-3028-IVS	BU-3028-IVS	192.168.5.122	94-de-80-c7-84-b8
		192.168.5.119	00-4f-70-50-05-56

Industrial Switch Series Feature

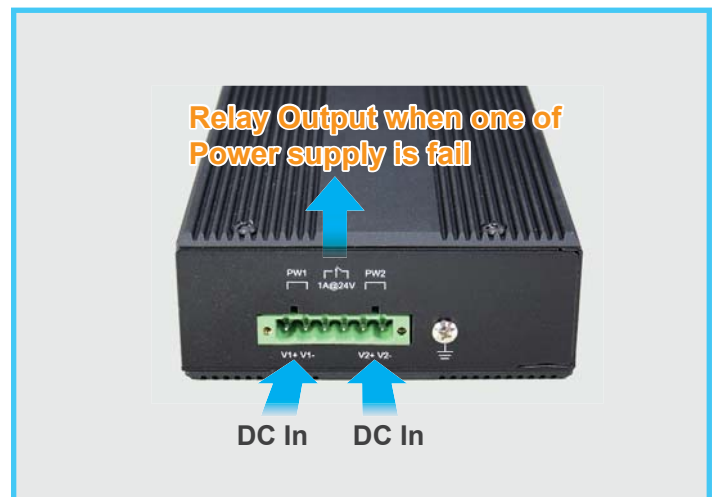
Reliable and Industrial-grade PoE Switch

- Provides non-blocking wire-speed performance
- Great flexibility for ethernet extension in harsh industrial environment
- It equips an IP31 rugged strong case with redundant power system
- Well suited for applications in deploying surveillance system
- Securing control and wireless service in climatically demanding environments such as the factory or public transportation



Dual Power Input with Redundancy

- Support two DC Power input
- Power redundancy
- When the one of the DC power is fail , the relay will be trigger. Though it can remind users that power is fail.



Harsh Environment : -40°C ~ 75°C

AirLive industrial switch can work from -40° ~ 75°C. It is ideally product for harsh environment.



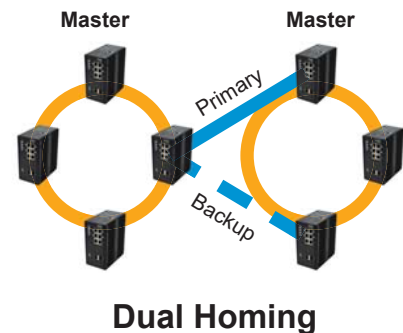
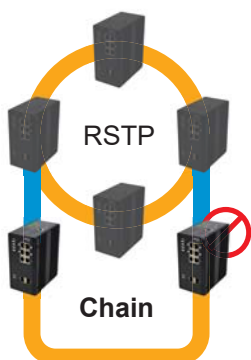
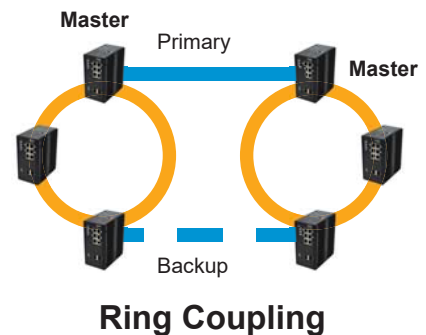
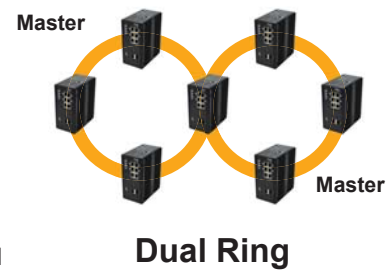
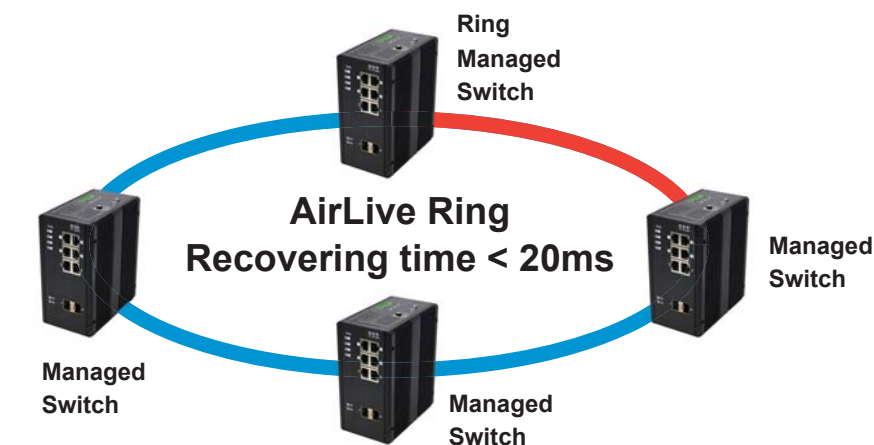
Industrial Ring Managed Switch

AirLive Ring Managed industrial switch is designed for mission critical environments such as factory or traffic light. In the event of network device failures, the Ring can provide ultra-fast recovery that makes sure your network continue to operate without disruption.

AirLive industrial Ring Managed Switch series provide the industrial temperature grade, managed and Ring technology in one device.

Reliable network is very important to Ethernet applications, especially in industrial domain. Ring technology is the solution to achieve this.

STP/RSTP/MSTP are the most usual standards for the managed switch to protect against single failures in network. However, they have many limitation such as high recovery time, limitation on network size or only single ring allowance in the network. AirLive proprietary Rings Topology can work at multiple-ring and it's ring recovering time less than 20 ms which is very important for the industrial application.



Fiber Switch



Fiber Switch series

Copper Ethernet cable is prone to interferences when installed across multiple floors; therefore, fiber are preferred for use in such environment. But traditional switch only come with one or 2 fiber ports, therefore, a central all-fiber switch is required as the center point to aggregate links from other switches. This is the solution that AirLive all-fiber switch provides. It comes in 8 or 24-port configuration for your environment.

Multiple Gigabit SFP fiber connection

The AirLive Fiber switches uses SPF slots for versatility. It comes with 8 or 24-port SFP slots so add different type of modules as your network environment changes.

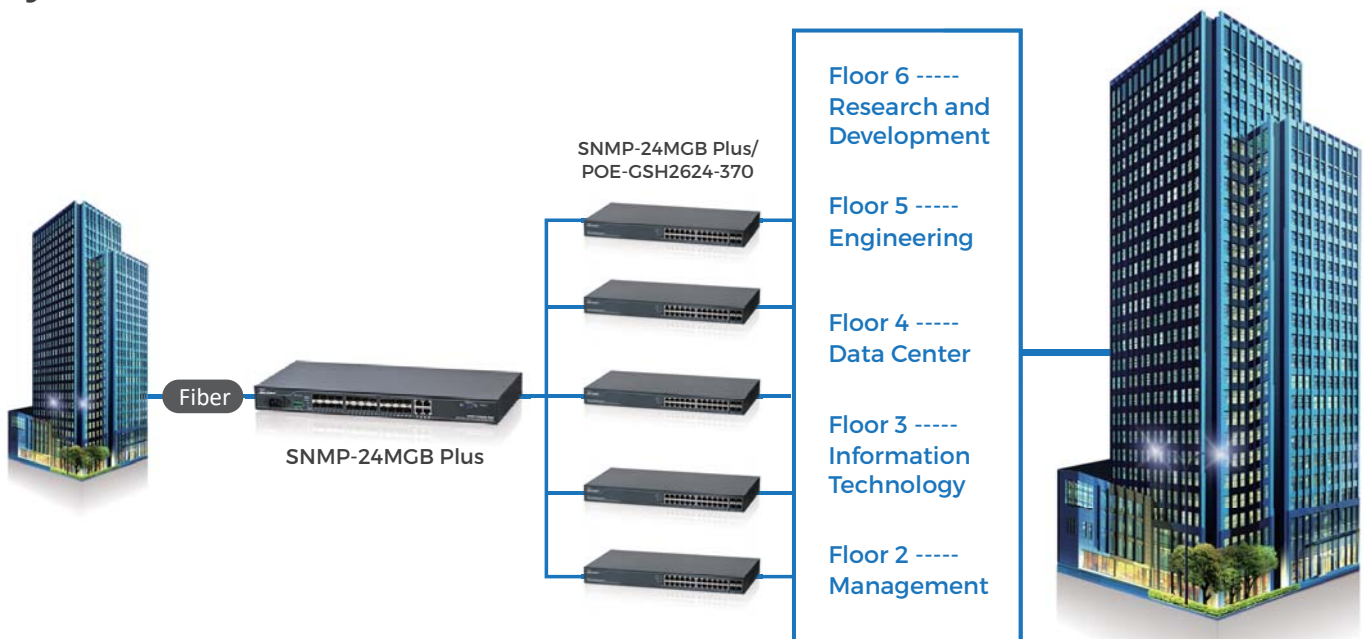
Long Distance Connection

Standard RJ45 connection is limited at 100m , which is not enough for most of the application. With different SFP transceiver, AirLive Fiber switches can connect with another switches at up to 80Km away.

Diverse Management Function

AirLive Fiber Switches support diverse management functions including Web, SNMP, Telnet , Console. In addition, it will support E-MAP, Google Map, and Topology view functions with future firmware upgrade.

System



LAN Switch Series

AirLive® LAN switches deliver Topology, SNMP, or WEB-Smart manage functions for both SMB and Enterprises. The all-fiber switch either at 24-port or 8-port can be used to cluster all fiber connections from each floor or division. The SNMP-24MGP Plus supports L2+ SNMP and Topology management.

Model	SNMP-24MGP Plus	SNMP-8MGP	SNMP-GSH2804L
	L2+ SNMP and Topology	L2+ SNMP	L2 SNMP
			

Hardware Interface			
Total Port Number	24	10	28
Gigabit Port RJ-45	-	2	24
Fiber Port SFP	20	8	4
Combo Port	4	-	-
Power Input	110~240VAC Internal	110~240VAC Internal	110~240VAC Internal
Rack Mountable	◆	◆	◆
Operation Temperature	-20~60°C	0~50°C	0~50°C
Switch Architecture			
Switch capacity (Gbps)	48	20	56
MAC Address	8K	8K	8K
Jumbo Frame	9K	9K	9K
Major Software Feature			
Switch Layer	L2+	L2+	L2
Topology View	◆	-	-
Floor View	◆	-	-
Map View	◆	-	-
ONVIF Cameras Live Streaming	◆	-	-
AirLive AP Manage	-	-	-
Port Trunk (LACP)	◆	◆	◆
VLAN	◆	◆	◆
VLAN Trunking	◆	◆	◆
(R)STP	◆	◆	◆
QoS	◆	◆	◆
Access Control	◆	◆	◆
LACP	◆	◆	◆
UPNP	◆	◆	-
DHCP Server	◆	-	-
DHCP Snooping	◆	-	-
SNMP	V1/V2c/V3	V1/V2c/V3	V1/V2c
SNMP Private MIB	◆	◆	-
SNMP Trap	◆	◆	◆
RMON	◆	-	-
E-mail Notification	◆	-	-
CLI	◆	◆	-

Topology Manage POE Gigabit Switch Series

AirLive® Topology Manage POE Gigabit Switches support "Auto-Topology", "Google-maps view", "Floor-map view", "Camera live streaming" and "AirLive AP management". Thanks to its Device Guard function which monitors and reboots your PoE Camera or AP automatically, It's the best switch for surveillance and AP troubleshooting. The graphical VLAN makes VLAN setup very simple by just clicking on the models in the topology view and done.

Model	POE-GSH2624-370	POE-GSH2624R-370	POE-GSH1008R-130	POE-GSH1816R-220	SNMP-24MGB Plus
	L2+ SNMP and Topology POE	L2 SNMP and Topology POE	L2 SNMP and Topology POE	L2 SNMP and Topology POE	L2+ SNMP and Topology



Hardware Interface					
Total Port Number	26	26	10	18	24
Gigabit RJ45 Port	24	24	8	16	20
Fiber Port	-	-	2	2	-
Combo Port	2	2	-	-	4
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-
PoE Port	24	24	8	16	-
Max PoE Budget	370W	370W	130W	220W	-
Max Power Per Port	30W	30W	30W	30W	-
Power Input	100~240VAC Internal	100~240VAC Internal	100~240VAC Internal	100~240VAC Internal	100~240VAC Internal
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	20	36	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 Scheduling	◆	◆	◆	◆	-
Port Trunk (LACP)	◆	◆	◆	◆	-
Port Trunck (LACP)	◆	◆	◆	◆	◆
VLA	◆	◆	◆	◆	◆
VLAN Trunking	◆	◆	◆	◆	◆
(R)STP	◆	◆	◆	◆	◆
QoS	◆	◆	◆	◆	◆
Access Control	◆	◆	◆	◆	◆
LACP	◆	◆	◆	◆	◆
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

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

Model Name	POE-FSH1008AT	POE-FSH808PW	POEGSH1008ATU	POE-GSH604ATU	POE-GSH504ATi	POE-FSH804ATi
	Web Smart POE Switch Series			Unmanaged POE Switch Series		



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	180W	110W	65W	60W	60W
Max POE Per Port	30W	16.8W	30W	30W	30W	30W
Power Input	100~240VAC Internal	100~240VAC Internal	110~240VAC Internal	52Vdc (72W)	100~240VAC Internal	110~240VAC Internal
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						
Switch Layer	L2	L2	-	-	-	-
Device Guard	◆	-	-	-	-	-
POE Scheduling	◆	◆	-	-	-	-
Port Trunck (LACP)	◆	◆	-	-	-	-
VLAN	◆	◆	-	-	-	-
VLAN Trunking	◆	◆	-	-	-	-
(R)STP	◆	◆	-	-	-	-
QoS	◆	◆	-	-	-	-
Access Control	-	-	-	-	-	-

Industrial Switch Unmanaged Series

AirLive® Industrial Switch provides non-blocking wire-speed performance and great flexibility for Ethernet extension in harsh environment. It equips an IP31 rugged strong case with redundant power system, wider temperature -40°C ~ 75°C supported. AirLive® Industrial Switch is well suited for applications in deploying surveillance system, securing control and wireless service in climatically demanding environments such as factory or public transportation.

Model	IG-1082POE	IG-642VB	IG-642POE	IE-541POE	IE-840POE	IG-1002	IG-602
	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged



Hardware Interface							
Total Port Number	10	6	6	5	8	10	6
Gigabit Ethernet	8	4	4	-	-		4
Fast Ethernet	-	-	-	4	8	8	-
Fiber Port	-	2	2	1(SC)	-	-	2
Combo Port	2	-	-	-	-	2	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af	802.3at/af	802.3at/af	-	-
PoE Port	8	4	4	4	4	-	-
Max PoE Budget	200W	110W	110W	110W	110W	-	-
Max Power Per Port	30W	30W	30W	30W	30W	-	-
Power Input	48V~56Vdc (Dual input)	12V~56Vdc (Voltage Booster) (Dual input)	48V~56Vdc (Dual input)	48V~56Vdc (Dual input)	12V~56Vdc (Dual input)	12V~56Vdc (Dual input)	12V~56Vdc (Dual input)
Power Connector	Terminal Block Power Din	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block Power Din	Terminal Block
Mouting 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 ~75°C	-40 ~75°C	-40 ~75°C	-40 ~75°C
Switch capacity (Gbps)	20G	12	12	1	1.6	20	12
MAC Address	1K	1K	1K	1K	1K	1K	1K
Jumbo Frame	9K	9K	9K	9K	9K	9K	9K

Industrial Switch Ring Managed Series

AirLive® Ring Managed industrial switches are designed for mission critical environments such as factory or traffic light. In the event of network device failures, the Ring can provide ultra-fast recovery that makes sure your network continues to operate without disruption.




Model	IGR-1284POE	IGR-842POE	IGR-840POE	IGR-800	IGR-802	IGR-1404
	Ring Managed	Ring Managed	Ring Managed	Ring Managed	Ring Managed	Ring Managed





Hardware Interface						
Total Port Number	12	8	8	8	8	14
Gigabit RJ45 Port	8	6	8	8	6	10
Fiber Port	4	2	-	-	2	4
Combo Port	-	-	-	-	-	-
PoE Standard	802.3at/af	802.3at/af	802.3at/af	-	-	-
PoE Port	8	4	4	-	-	-
Max PoE Budget	240W	120W	120W	-	-	-
Max Power Per Port	30W	30W	30W	-	-	-
Power Input	48V~56Vdc (Dual input)	48V~56Vdc (Dual input)	48V~56Vdc (Dual input)	12V~56Vdc (Dual input)	12V~56Vdc (Dual input)	12V~56Vdc (Dual input)
Power Connector	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
Operation Temperature	-40 ~75°C	-40 ~75°C	-40 ~75°C	-40 ~75°C	-40 ~75°C	-40 ~75°C
Switch Architecture						
MAC Address	24Gbps	16Gbps	16Gbps	16Gbps	16Gbps	28Gbps
Total Port Number	8K	8K	8K	8K	8K	8K
Jumbo Frame	9K	9K	9K	9K	9K	9K
Major Software Feature						
Switch layer	L2	L2	L2	L2	L2	L2
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	V1/V2c	V1/V2c	V1/V2c
CLI command	◆	◆	◆	◆	◆	◆

Accessory for Switches

POE Extender

Model	PE-100AT	PE-200AT	OD-100PE
			
PoE Output Port	1	2	1
Data Output Port	1	2	2
Max. Data Rate	10/100Mbps	10/100Mbps	10/100Mbps
Max. Distance (using 2 extenders)	300M	300M	300M
Input Power Requirement	45~55Vdc	45~55Vdc	45~55Vdc
PoE Output	12 -48W	12 -48W	12 -48W
Passive PoE output Pin	Pin: 4/5 (+), 7/8 (-)	Pin: 4/5 (+), 7/8 (-)	Pin: 4/5 (+), 7/8 (-)
Housing	-	-	IP65
Operating Temp	0~50°C	0~50°C	0~50°C
Dimension (mm)	80 x 70 x 23	58 x 108 x 23	180 x 165 x 95

Type	OD-200PE	OD-1000PE	OD-2000PE
			
PoE Output Port	2	1	2
Data Output Port	2	2	2
Max. Data Rate	10/100Mbps	10/100/1000Mbps	10/100/1000Mbps
Max. Distance	300M	300M	300M
Input Power Requirement	45~55Vdc	45~55Vdc	45~55Vdc
PoE Output	12 -48W	12 -48W	12 -48W
Passive PoE output Pin	Pin: 4/5 (+), 7/8 (-)	Pin: 4/5 (+), 7/8 (-)	Pin: 4/5 (+), 7/8 (-)
Housing	IP65	IP65	IP65
Operating Temp	0~50°C	0~50°C	0~50°C
Dimension (mm)	180 x 165 x 95	180 x 165 x 95	180 x 165 x 95

Accessory for Switches

Fiber Converter/Transceiver

Model	MC-1000SFP	SFP-LX-10	SFP-SX
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Hardware			
	Gigabit RJ45 and SFP Fiber Converter	1000Base-LX MiniGBIC Transceiver	1000Base-SX MiniGBIC Transceiver
	1 SFP GbE Port	1310nm FP, 10KM	850nm VCSEL, 500m
	1 RJ45 GbE Port	Duplex LC Connector	Duplex LC Connector
	802.3x flow control		
	Auto MDI/MID-X for TX port		



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