

## PRODUCT GUIDE

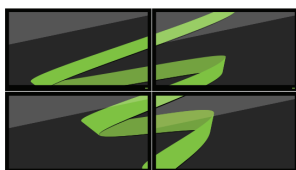
# Network Switches for the Pro AV Integrator

Luxul switches are designed to handle anything from a small conference room to the most demanding AV over IP installations. With a wide variety of switches available, complete with SFP/SFP+ modules for expansion, you're sure to find a switch that meets the needs of your application.



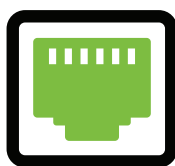
The switches you see featured in this brochure represent one category of Luxul's complete line of solutions and are designed to handle Pro AV commercial environments. Luxul products are engineered to simplify network design and deployment, resulting in scalable networks that are both powerful and easy to install.

All Luxul products include free lifetime support, free firmware upgrades for the life of the product, and a three-year limited hardware warranty.



### AV OVER IP READY

Select Luxul switches provide simple and seamless integration with industry-leading AV over IP systems, enabling a flexible, scalable, and cost-effective AV distribution platform for meeting rooms, houses of worship, retail establishments, corporations, and campuses. Switches are easily configured and deployed in minutes.



### PoE+ & LAYER 2/LAYER 3

For AV over IP video systems, PoE+ switches with full 802.3af/at compliance and healthy power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.



### SELF-HEALING

Self-Healing gives select Luxul switches PoE Auto-Recovery and PoE Power Scheduling features, enabling compatible switches to reboot PoE-connected devices when they fall offline or go unresponsive and power PoE-connected devices on or off based on a schedule respectively.



### A SOLID NETWORK OF PARTNERS

Luxul has grown solid relationships with leading manufacturers of control solutions and a variety of endpoints. Your Legrand | AV representative can consult and provide recommendations for bandwidth requirements, control APIs, and more. Luxul maintains a long list of certifications with popular ecosystems to ensure your deployment is supported and easily integrated.



### TRY BEFORE YOU BUY

At Legrand | AV, we encourage you to run these products through your own testing to make sure they're the right fit for your project. That's why we have a robust demo program that includes short-term evaluations as well as deeply discounted units for your in-shop demo use. Contact your Legrand | AV sales manager to set up a demonstration today!



### EASILY CONNECTING YOUR MOST CHALLENGING PRO AV DESIGNS

With the Legrand | AV Connectivity portfolio on your side, connecting your video, audio, and network endpoints has never been more convenient. With trusted C2G connectivity products available from your local sales representative, rest assured your cabling needs are covered. Our recommended solutions are fully tested and hand-picked for your Pro AV commercial designs—built tough enough to handle the demands of your next big project.

# Managed Switches-Front Ports



## **48-PORT GIGABIT MANAGED POE+ SWITCH WITH 4 SFP+ SW-610-48P-F**

- 48 Gigabit RJ-45 ports + 4 - 10 Gigabit SFP+ ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **48-PORT GIGABIT MANAGED POE+ SWITCH WITH 4 SFP SW-510-48P-F**

- 48 Gigabit RJ-45 ports + 4 - 1 Gigabit SFP ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **26-PORT GIGABIT MANAGED POE+ SWITCH XMS-2624P**

- 26 Gigabit RJ-45 ports + 2 - 1 Gigabit combo ports
- 24 PoE+ ports (370W power budget)
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **12-PORT GIGABIT MANAGED POE+ SWITCH XMS-1208P**

- 8 Gigabit RJ-45 ports (130W Budget)
- 2 Gigabit Ethernet ports & 2 SFP ports
- 8 PoE+ ports (130W power budget)
- PoE Self-Healing with Auto-Recovery and Power Scheduling

# Managed Switches-Rear Ports

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## **24-PORT GIGABIT MANAGED POE+ SWITCH WITH 4 SFP+** **SW-610-24P-R**

- 24 Gigabit RJ-45 ports + 4 - 10 Gigabit SFP+ ports
- Group up to 16 switches
- 24 PoE+ ports (370W power budget)
- Variable speed fans for quiet operation
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **24-PORT GIGABIT MANAGED POE+ SWITCH** **AMS-2624P**

- 24 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250 Watts power budget)
- Variable speed fan
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **18-PORT GIGABIT MANAGED POE+ SWITCH** **AMS-1816P**

- 16 Gigabit RJ-45 ports + 2 - Gigabit combo ports
- 16 PoE+ ports (185W power budget)
- Variable speed fan for quiet operation
- PoE Self-Healing with Auto-Recovery and Power Scheduling



## **12-PORT GIGABIT MANAGED POE+ SWITCH** **AMS-1208P**

- 10 Gigabit RJ-45 ports + 2 - Gigabit combo ports
- 8 PoE+ ports (130W power budget)
- Fanless for silent operation
- PoE Self-Healing with Auto-Recovery and Power Scheduling

# Unmanaged Switches-Rear Ports

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## **24-PORT GIGABIT SWITCH** **AGS-1024**

- 24 Gigabit RJ-45 ports
- Fanless for silent operation



## **16-PORT GIGABIT SWITCH** **AGS-1016**

- 16 Gigabit RJ-45 ports
- Fanless for silent operation

# Unmanaged Switches-Compact



## 8-PORT GIGABIT UNMANAGED POE+ SWITCH

**SW-100-08P**

- 8 Gigabit PoE+ RJ-45 ports (92W power budget)
- One dedicated uplink port
- Flexible mounting options
- Great for edge-of-network installation



## 4-PORT GIGABIT UNMANAGED POE+ SWITCH

**SW-100-04P**

- 4 Gigabit PoE+ RJ-45 ports (58W power budget)
- One dedicated uplink port
- Flexible mounting options
- Great for edge-of-network installation



## 5-PORT POE+ POWERED GIGABIT UNMANAGED SWITCH WITH POE PASSTHROUGH

**SW-100-05PD**

- 4 Gigabit RJ-45 ports (1 capable of providing 15W passthrough)
- One dedicated uplink port
- Flexible mounting options
- Great for edge-of-network installation



## 8-PORT GIGABIT DESKTOP SWITCH

**XGS-1008**

- 8 Gigabit RJ-45 ports
- Designed for desktop or wall-mount
- Ultra-compact size
- Great for edge-of-network installation



## 5-PORT GIGABIT DESKTOP SWITCH

**XGS-1005**

- 5 Gigabit RJ-45 ports
- Ultra-compact size
- Great for edge-of-network installation

# Managed Switches

Front Ports				
				
Part Number	SW-610-48P-F	SW-510-48P-F	XMS-2624P	XMS-1208P
<b>General</b>				
Total Ports	52	52	28	12
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit
Managed Layers	Layer 2/3	Layer 2/3	Layer 2/3	Layer 2/3
Switching Capacity	176Gbps	104Gbps	52Gbps	24Gbps
<b>Power</b>				
Powered Ports	48-PoE+	48-PoE+	24-PoE+	8-PoE+
PoE Budget	740 Watts	740 Watts	370 Watts	170 Watts
<b>Ports</b>				
Ethernet Ports	48	48	24	10
SFP Ports	4-10GbE	4-1GbE	2-1GbE Combo Port	2-1GbE
Uplink Aggregation	Yes up to 40Gbps	Yes up to 4Gbps	No	No
<b>Support Protocols</b>				
IGMP	Version 3	Version 3	Version 3	Version 3
VLAN (802.1Q)	Yes	Yes	Yes	Yes
QOS (802.1P)	Yes	Yes	Yes	Yes
<b>Other Features</b>				
Configuration	Web	Web	Web	Web
Remote Management	Luxul ProWatch*	Luxul ProWatch*	Luxul ProWatch*	Luxul ProWatch*
Size/Dimensions	1 RU W 17.4" / 44.2 cm D 14.75" / 37.5 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 14.75" / 37.5 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	1 RU W 9.45" / 24 cm D 8.66" / 22 cm H 1.75" / 4.4 cm
Fan	Low Noise Blowers	Low Noise Blowers	Low Noise	Fanless
PoE Self Healing	Yes	Yes	Yes	Yes
Mount	Desktop, Rack-mount	Desktop, Rack-mount	Desktop, Rack-mount	Desktop, Rack-mount
Warranty	3-Year	3-Year	3-Year	3-Year

\*Requires a Luxul ProWatch gateway device

## Rear Ports



Part Number	SW-610-24P-R	AMS-2624P	AMS-1816P	AMS-1208P
<b>General</b>				
Total Ports	28	26	18	12
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit
Managed Layers	Layer 2/3	Layer 2/3	Layer 2/3	Layer 2/3
Switching Capacity	128Gbps	52Gbps	36Gbps	24Gbps
<b>Power</b>				
Powered Ports	24-PoE+	24-PoE+	16-PoE+	8-PoE+
PoE Budget	370 Watts	250 Watts	185 Watts	130 Watts
<b>Ports</b>				
Ethernet Ports	24	24	16	10
SFP Ports	4-10GbE	2-1GbE Combo Port	2-1GbE Combo Port	2-1GbE
Uplink Aggregation	Yes up to 40Gbps	No	No	No
<b>Support Protocols</b>				
IGMP	Version 3	Version 3	Version 3	Version 3
VLAN (802.1Q)	Yes	Yes	Yes	Yes
QOS (802.1P)	Yes	Yes	Yes	Yes
<b>Other Features</b>				
Configuration	Web	Web	Web	Web
Remote Management	Luxul ProWatch*	Luxul ProWatch*	Luxul ProWatch*	Luxul ProWatch*
Size/Dimensions	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm
Fan	Low Noise Variable Speed	Low Noise Variable Speed	Low Noise Variable Speed	Fanless
PoE Self Healing	Yes	Yes	Yes	Yes
Mount	Desktop, Rack-mount	Desktop, Rack-mount	Desktop, Rack-mount	Desktop, Rack-mount
Warranty	3-Year	3-Year	3-Year	3-Year

\*Requires a Luxul ProWatch gateway device

# Unmanaged Switches

	Rear Ports						
							
Part Number	AGS-1024	AGS-1016	SW-100-08P	SW-100-04P	SW-100-05PD	XGS-1008	XGS-1005
General							
Total Ports	24	16	9	5	5	8	5
Speed	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit	Gigabit
Type	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2	Layer 2
Switching Capacity	48Gbps	32Gbps	18Gbps	10Gbps	10Gbps	16Gbps	10Gbps
PoE							
Powered Ports	N/A	N/A	8-PoE+	4-PoE+	1-PoE	N/A	N/A
PoE Budget	N/A	N/A	92 Watts	58 Watts	15 Watts	N/A	N/A
Other Features							
Configuration	Plug & Play	Plug & Play	Plug & Play	Plug & Play	Plug & Play	Plug & Play	Plug & Play
Remote Management	No	No	No	No	No	No	No
Size/ Dimensions	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	1 RU W 17.4" / 44.2 cm D 8.25" / 21 cm H 1.75" / 4.4 cm	W 4.3" / 10.9 cm D 7" / 17.78 cm H 1.1" / 2.8	W 3.9" / 9.9 cm D 3.9" / 9.9 cm H 1.1" / 2.8 cm	W 3.9" / 9.9 cm D 3.9" / 9.9 cm H 1.1" / 2.8 cm	W 6.8" / 17.3 cm D 4.3" / 10.9 cm H 1.2" / 3 cm	W 3.6" / 9.1 cm D 2.5" / 6.4 cm H 0.75" / 1.9 cm
Fan	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
Power	Standard AC	Standard AC	Standard AC	Standard AC	PoE+ (30 Watts)	Standard AC	Standard AC
Mount	Desktop, Rack-mount	Desktop, Rack-mount	Desktop, Wall-mount	Desktop, Wall-mount	Desktop, Wall mount, Mag mount	Desktop, Wall mount	Desktop, Wall mount
Warranty	3-Year	3-Year	3-Year	3-Year	3-Year	3-Year	3-Year

**LUXUL**  
A brand of  **legrand**

**LEGRAND | AV COMMERCIAL BRANDS**

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

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