



AV OVER IP READY

Select Luxul switches provide simple and seamless integration with industry-leading AV over IP systems.



PoE+ & LAYER 2/LAYER 3

Full 802.3af/at compliance, and healthy power budgets, and advanced Layer 2/3 features streamline network traffic while simplifying installation.



SELF-HEALING

Gives select Luxul switches PoE Auto Recovery & PoE Power Scheduling Feature. Change the game, beat the truck rolls.

All Luxul products include Free Lifetime Support, free firmware upgrades for life of product and a 3-Year Limited hardware Warranty. Learn more about our free Network Design Services at legrandav.com/CAP



TABLE OF CONTENTS

Wi-Fi 6 Indoor Access Point4-5
Managed PoE Switches6-9
Unmanaged PoE Switches10-11
Wi-Fi 5 Indoor & Outdoor Access Points12-13
Wired Routers14-15
Wi-Fi 5 Wireless Routers & Controllers16-17
Luxul Catalog Summary18-19
Customer Assurance Program20-21
Luxul ProWatch22-23



CONTACT US

1-866-977-3901 av.ordersupport@legrand.com av.luxul.techsupport@legrand.com



Empower your network with Luxul: The new Wi-Fi 6 AX3600 4X4 Dual-Band Indoor Access Point is backed by unrivaled expert support.

Upgrade your customers' networks with Luxul's Wi-Fi 6 enabled AX3600 access points. Faster speeds, increased capacity, and improved coverage ensure your customers have the best possible experience.

Plus, with Luxul's exceptional customer support, 3-year warranty, and free design services, you can offer your customers a uniquely complete solution.

Wi-Fi 6 AX3600 4X4 MULTI-GIG ACCESS POINT

AP-3064

- 4x4 concurrent dual-band wireless
- 2.4GHz and 5GHz with beamforming antennas
- Flexible mounting plate design for easy precision install
- 2.5 Gbps RJ45 PoE+ LAN port (30W)
- VLAN support for creating a secure guest network
- Easily customizable Captive Portal functionality







AV SERIES MANAGED POE SWITCHES

AV Series Managed PoE Switches include port Auto Recovery and Power Scheduling, ensuring system reliability and uptime. For AV over IP (AVoIP) video systems, PoE+ switches offer full 802.3af/at compliance and power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.

24-PORT GIGABIT MANAGED PoE+ SWITCH

SW-615-24P-R

- 24 Gigabit RJ45 ports + four
 10 Gigabit SFP+ ports
- Group up to 16 switches
- 24 PoE+ ports (370 Watts power budget)
- Variable speed fan
- Luxul ProWatch Integrated

24-PORT GIGABIT MANAGED PoE+ SWITCH

SW-505-24P-R

- 24 Gigabit RJ45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250W power budget)
- Variable speed fan
- Luxul ProWatch Integrated

AV SERIES 18-PORT GIGABIT MANAGED PoE+ SWITCH

SW-505-16P-R

- 16 Gigabit RJ45 ports + two Gigabit SFP combo ports
- 16 PoE+ ports (185W power budget)
- · Variable speed fan
- Luxul ProWatch Integrated

AV SERIES 12-PORT GIGABIT MANAGED PoE+ SWITCH

SW-505-8P-R

- Eight PoE+ ports (130W power)
- Two Gigabit Ethernet ports & two SFP ports (can be used independently)
- Fanless for silent operation
- Luxul ProWatch Integrated



MANAGED POE SWITCHES

Luxul L2/L3 managed switches offer advanced Layer 2/Layer 3 functionality and a simple-to-use interface for switch setup and management. Switches with PoE+ functionality offer full 802.3af/at compliance and healthy power budgets.



48-PORT GIGABIT MANAGED PoE+ SWITCH

SW-615-48P-F

- 48 Gigabit RJ45 ports + four 10 Gigabit SFP+ ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



26-PORT GIGABIT MANAGED POE+ SWITCH

SW-505-24P-F

- 26 Gigabit RJ45 ports + two Gigabit combo ports
- 24 PoE+ ports (370W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



48-PORT GIGABIT MANAGED PoE+ SWITCH

SW-515-48P-F

- 48 Gigabit RJ45 ports + four Gigabit SFP ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



12-PORT GIGABIT MANAGED POE+ SWITCH

SW-505-8P-F

- Eight PoE+ ports (130W power)
- Two Gigabit Ethernet ports & two SFP ports (can be used independently)
- Fanless for silent operation
- Luxul ProWatch Integrated

AV SERIES SWITCHES

Luxul AV Series switches feature rear-panel ports and front-facing LEDs (user-selectable blue/green colors) for clean integration with AV rack systems. Managed switches feature advanced Layer 2/Layer 3 functionality and are designed for use in AVoIP video systems; non-managed switches are plug-and-play.



AV SERIES 24-PORT GIGABIT SWITCH

AGS-1024

- 24 Gigabit RJ45 ports
- 48Gbps switching capacity
- Fanless for silent operation



AV SERIES 16-PORT GIGABIT SWITCH

AGS-1016

- 16 Gigabit RJ45 ports
- 32Gbps switching capacity
- Fanless for silent operation





5 PORT GB MULTI-MOUNT SWITCH

SW-100-05PD



The SW-100-05PD is a 5 port PoE+ powered switch that is powered from a PoE+ switch or injector powered uplink and provides an additional four ports of Gb Ethernet connectivity. One of the Gb Ethernet ports allows the powering of a PoE 802.11af device (pass through port) such as a camera, control system interface, or AVoIP receiver. The durable metal enclosure includes detachable wing brackets for mounting and attachable magnet feet for easy mounting to metal surfaces.

- Connect up to four devices to the network without having to be plugged into a wall outlet
- Install into a wide range of environments

FEATURES

- 5 port PoE+ powered unmanaged Gb switch with PoE pass through
- 1 port PoE+ powered (PoE PD) Gb Ethernet port (30W required)
- 1 port capable of powering a PoE/802.11af device (15W maximum)
- Durable compact metal case
- Multiple mounting options
- Three-year limited warranty

UNMANAGED POE SWITCHES





The SW-100-04P is a compact Gigabit PoE+ switch that provides four PoE+ capable ports of Gb Ethernet connectivity with a total power budget of 58 watts. It is an excellent choice for expanding your network when using PoEenabled devices such as AVoIP, IP cameras, and wireless access points and fits easily into the widest range of environments. The durable metal case includes rubber feet and keyhole features for surface mounting options.

- Connect up to 4 IP cameras or other PoE-enabled devices (max output 58W)
- Simplify PoE device installation, (IP cameras, AVoIP devices, wireless APs)

FEATURES

- 4 port Gb PoE+ switch w/ uplink 58W total power budget
- Durable compact metal case
- Fanless for silent operation
- Includes keyhole features for surface mounting options



8 PORT GB PoE+ SWITCH

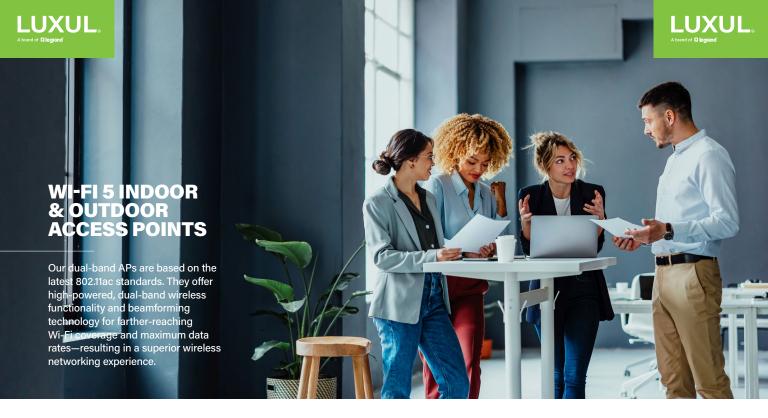
SW-100-08P

The SW-100-08P is a compact Gigabit PoE+ switch that provides eight PoE+ pable ports of Gb Ethernet connectivity with a total power budget of 92 watts. It is an excellent choice for expanding your network when using PoE-enabled devices such as IP cameras, wireless access points, AVoIP devices, control panels and easily fits into the widest range of environments. The durable metal case includes rubber feet and keyhole features for surface mounting options.

- Connect up to 8 IP cameras or other PoE-enabled devices (max output 92W)
- Simplify PoE device installation, (IP cameras, AVoIP devices, wireless APs)

FEATURES

- 8 port Gb PoE+ switch w/ uplink 92W total power budget
- Durable compact metal case
- Fanless for silent operation
- Includes keyhole features for surface mounting options



AC3100 DUAL-BAND WIRELESS AP

XAP-1610 XAP-1610-Q5 (5-Pack Bundle)

- 4×4 Wave 2, MU-MIMO 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Extreme throughput for video streaming & online gaming
- · Ceiling or wall mount
- Built-in ProWatch remote management software





AC1900 DUAL-BAND WIRELESS AP

XAP-1510 XAP-1510-Q5 (5-Pack Bundle)

- 3×3 802.11ac
- High-powered
- 2.4GHz & 5GHz
- · Beamforming on both bands
- Ceiling or wall mount
- Built-in ProWatch remote management software

AC1200 DUAL-BAND WIRELESS AP

XAP-810 XAP-810-Q5 (5-Pack Bundle)

- 2×2 802.11ac
- · High-powered
- 2.4GHz & 5GHz
- Ceiling or wall mount
- Built-in ProWatch remote management software



WI-FI 5 CONTROLLER COMPATIBLE OUTDOOR ACCESS POINTS

AC1200 DUAL-BAND OUTDOOR AP

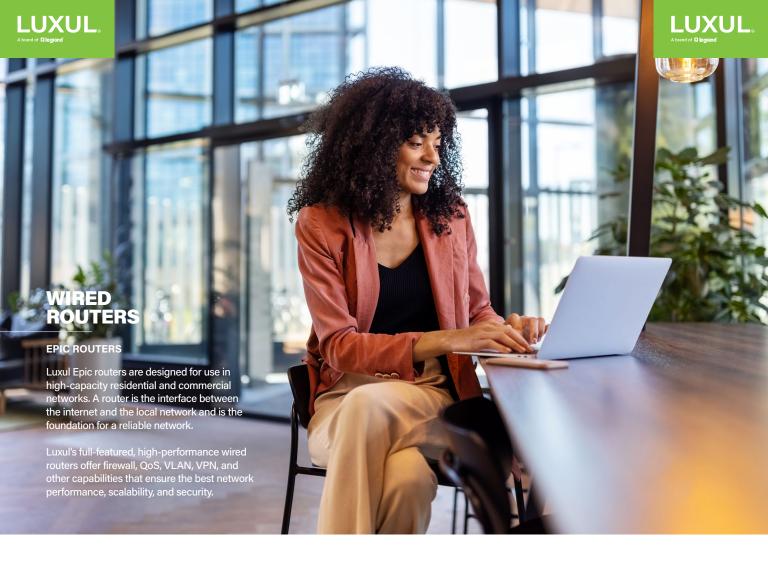
XAP-1440-Q4 (4-Pack Bundle)

2×2 802.11ac

- Controller compatible
- Weather-resistant enclosure (IP-65 rated)



LUXUL ProWatch



EPIC 5 - HIGH-PERFORMANCE GIGABIT ROUTER

ABR-5000

- High-performance 900-1000Mbps WAN to LAN throughput
- Two WAN, five LAN ports
- Rear-facing ports with user-selectable green or blue front facing LEDs
- Built-in ProWatch+ remote management software



EPIC 4 - GIGABIT ROUTER

ABR-4500

- High-performance 900-1000Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN WAN configurable ports
- Rear-facing ports with user selectable green or blue front facing LEDs
- Built-in ProWatch+ remote management software







WI-FI 5 WIRELESS ROUTERS

Luxul's wireless routers combine wired router functionality with high-powered, dual-band wireless technology. With support for firewall, QoS, VPN, and Roam Assist for active roaming and improved network performance, they're a great choice or highly reliable residential or light-commercial networks.

EPIC 3 - DUAL-BAND WIRELESS AC3100 ROUTER

XWR-3150 XWR-3150-Q5 (5-Pack Bundle)

- Wireless data transfer of up to 3100Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 4×4 concurrent dual-band 802.11ac
- 2.4 and 5GHz beamforming
- Easy Setup App compatible
- Built-in Bark*
- Built-in ProWatch+ remote management software



XWR-1200 XWR-1200-Q5 (5-Pack Bundle)

- Wireless data transfer of up to 1200Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 2×2 concurrent dual-band 802.11ac
- 5GHz beamforming
- Easy Setup App compatible
- Built-in Router Bark*





WIRELESS CONTROLLERS

With Luxul's Roam Assist technology, the XWC-2000 enables active roaming while simplifying the access point (AP) setup and control. Compatible with all Luxul current XAP series models, which allows integrators to mix and match APs to maximize the performance and budget of each project.

WIRELESS ROUTERS WITH BUILT-IN WIRELESS CONTROLLER

Luxul Roam Assist technology is now available in Luxul's line of full-featured, high performance wireless routers.

WIRELESS CONTROLLER XWC-2000

- Active client roaming
- Centralized setup and control
- Supports up to 32 Luxul APs
- Built-in ProWatch remote managment software

WIRELESS ROUTER KITS

- WS-260 XWR-3150 & XAP-1610
- WS-250 XWR-3150 & XAP-1510
- WS-80 XWR-1200 & XAP-810





WIRELESS CONTROLLER SYSTEMS

Luxul wireless controller systems include everything needed to effortlessly deploy a reliable whole-home or commercial wireless network. Systems can easily be expanded with up to 32 APs and work with any combination of current XAP series models.

WIRELESS CONTROLLER SYSTEM WITH WAVE 2, MU-MIMO 4X4 AC3100 ACCESS POINTS

XWS-2620

- One XWC-2000 wireless controller
- Two XAP-1610 AC3100 dual-band access points
- Two PoE injectors
- Built-in ProWatch remote management software

WIRELESS CONTROLLER SYSTEM WITH HIGH-POWERED AC1900 ACCESS POINTS

XWS-2520

- One XWC-2000 wireless controller
- Two XAP-1510 AC1900 dual-band access points
- Two PoE injectors
- Built-in ProWatch remote management software







COMPACT MULTI-PURPOSE SWITCHES

Based on the newest standards and highest-quality design, Luxul unmanaged switches offer a scalable and affordable choice for expanding your network.



8-PORT GIGABIT DESKTOP SWITCH

XGS-1008

- Eight Gigabit RJ45 ports
- 16Gbps switching capacity
- Designed for desktop or wall mount



5-PORT GIGABIT DESKTOP SWITCH

XGS-1005

- Five Gigabit RJ45 ports
- 10Gbps switching capacity
- · Fanless for silent operation

PoE SWITCHES

Part Number	SW-615-48P-F	SW-515-48P-F	SW-505-24P-F	SW-505-8P-F
Туре	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3
Port Speed	1Gbps	1Gbps	1Gbps	1Gbps
Mounting	Rack	Rack	Rack	Rack
Fan	Low Noise Variable Speed	Low Noise Variable Speed	Low Noise Variable Speed	Fanless
Uplink Aggregation	Yes up to 40Gbps	Yes up to 40Gbps	No	No
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts
PoE Power Budget	740 Watts	740 Watts	370 Watts	130 Watts
Ports	48 Gigabit PoE+ and 4 10-Gigabit SFP+	48 Gigabit PoE+ and 410-Gigabit SFP+	24 Gigabit PoE+ with 2 Gigabit Ethernet/ SFP Combo	8 Gigabit PoE+ with 2 Gigabit Ethernet uplink and 2 Gigabit SFP

AV PoE SWITCHES

Part Number	SW-615-24P-R	SW-505-24P-R	SW-505-16P-R	SW-505-8P-R
Туре	Managed: L2/L3	Managed: L2/L3 Managed: L2/L3		Managed: L2/L3
Port Speed	1Gbps	1Gbps	1Gbps	1Gbps
Mounting	Rack	Rack	Rack	Rack
Fan	Low Noise Variable Speed	Low Noise Variable Speed	Low Noise Variable Speed	Fanless
Uplink Aggregation	Yes up to 40Gbps	No	No	No
Blue/Green Switchable LEDs	Yes	Yes	Yes	Yes
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts
PoE Power Budget	370 Watts	250 Watts	185 Watts	130 Watts
Ports	24 Gigabit PoE+ and 4 10-Gigabit SFP+	24 Gigabit PoE+ with 2 Gigabit Ethernet/ SFP combo	16 Gigabit PoE+ with 2 Gigabit Ethernet/ SFP combo	8 Gigabit PoE+ with 2 Gigabit Ethernet uplink and 2 Gigabit SFP

WIRELESS KITS

Part Number	WS-80	WS-250	WS-260	XWS-2520	XWS-2620
Туре	AP/Wireless Router	AP/Wireless Router	AP/Wireless Router	AP/Wireless Controller	AP/Wireless Controller
Access Point	XAP-810 x1	XAP-1510 x1	XAP-1610 x1	XAP-1510 x2	XAP-1610 x2
Wireless Router	XWR-1200	XWR-3150	XWR-3150	-	-
Wireless Controller	Built-in	Built-in	Built-in	XWC-2000	XWC-2000
Scalability	Up to 2 APs	Up to 2 APs	Up to 2 APs	Up to 32 APs	Up to 32 APs
Band Support	2x2 802.11ac Dual- Band 2.4GHz & 5GHz	3x3 802.11ac Dual- Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual -Band 2.4GHz & 5GHz	802.11ac Dual- Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual -Band 2.4GHz & 5GHz
Total Clients Supported per Radio	50-70	100-120	100-120	100-120	100-120

ACCESS POINTS

Part Number	AP-3064	XAP-810	XAP-1510	XAP-1610	XWO-BAP1	XAP-1440
Туре	Indoor	Indoor	Indoor	Indoor	Outdoor Bridge	Outdoor
Wireless Speed	1200Mbps	1200Mbps	1900Mbps	3167Mbps	1200Mbps	1200Mbps
Mounting	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall	Wall/Pole	Wall/Pole
Beamforming	2.5GHz & 5GHz	5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	No	No
Wireless Controller Compatible	N/A	Yes	Yes	Yes	No	Yes
Total Clients Supported Per Radio	256	50-70	100-120	100-120	50-70	50-70
Frequency	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz
Wireless Mode	4x4; 802.11ax	2x2: 802.11ac	3x3: 802.11ac	Wave2, MU-MIMO 4X4 802.11ac	2x2: 802.11ac	2x2: 802.11ac
Ports	2.5Gigabit x1	Gigabit x1	Gigabit x2	Gigabit x2	Gigabit x1	Gigabit x1
Extended Temperature Rated	0 to +40C°	0 to +50C°	0 to +50C°	0 to +50C°	-20C° to +50C°	-20C° to +50C°
Coverage/ Range	4000 sq. ft.	Up to 4000 sq. ft.	Up to 5000 sq. ft.	Up to 5000 sq. ft.	Up to 1/2 mile bridge	Up to 400 sq. ft.

AV SWITCHES

Part Number	AGS-1024	AGS-1016
Туре	Unmanaged	Unmanaged
Port Speed	1Gbps	1Gbps
Mounting	Rack	Rack
Fan	Fanless	Fanless
Blue/Green Switchable LEDs	Yes	Yes
Ports	24 Gigabit	16 Gigabit

COMPACT SWITCHES

Part Number	XGS-1005	XGS-1008
Туре	Unmanaged	Unmanaged
Port Speed	1Gbps	1Gbps
Mounting	Desktop	Desktop
Fan	Fanless	Fanless
Ports	5 Gigabit	8 Gigabit



GUARANTEED

The Luxul Customer Assurance Program takes the stress out of designing a network.

Simply register your project online at legrandav.com/CAP; Luxul engineers will provide a complete network design; and if you need assistance configuring the network, an advanced support team is available to you. If you have a product failure, we will provide an advanced replacement of any Luxul product, and if the design doesn't perform we'll make it right by providing additional network equipment, at no cost to you.

LUXUL PROWATCH

Free Cloud Management Solution

Luxul's ProWatch cloud management solution allows integrators to remotely monitor and manage every device on their clients' networks, getting realtime notifications of status and quickly resolving issues.

With cloud management, integrators can access their customers' Luxul networks and connected devices at any time-from anywherein map or list views via an intuitive web interface.

Site-level indicators provide the online/offline status of connected devices and the availability of firmware updates, while customizable alerts notify integrators of issues via text or email.

THE BEST CHOICE FOR YOUR SMART COMMERCIAL NETWORK

With the dramatic increase in everyday connected devices, having a powerful network that manages the flow of audio, video, and data has become critical. With that in mind, Luxul:

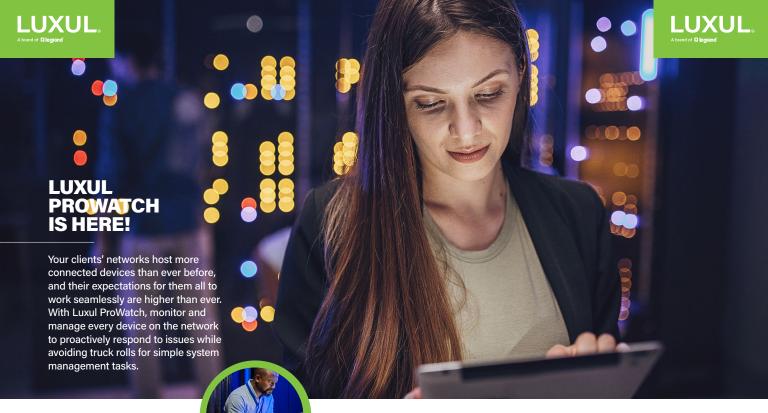
- Is built for professional installers who know how to configure and optimize networks.
- Provides a network that can handle the everyday demand on bandwidth and is built with the horsepower to run today's technology and beyond.
- Wireless coverage everywhere you need it, with the ability to actively move your device between Access Points without dropping off the network.

WARRANTY

Luxul offers free software updates plus a 3-year limited hardware warranty on all Luxul network products when the network components are purchased from and installed by an Authorized Luxul Dealer.



SIMPLY CONNECTED 21 20 legrandav.com



REMOTELY...

MONITOR MANAGE TROUBLESHOOT

CLOUD MANAGEMENT SOLUTION

With the following features, enjoy peace of mind knowing your clients' systems will be accessible at any time from anywhere:

- Receive notifications when devices fall offline
- Customizable alerts
- Perform firmware updates on select Luxul routers and access points
- Site-level status indicators for offline devices and firmware updates
- · Access sites in map or list views
- · Configure devices remotely via web user interfaces
- Remotely power cycle PDUs and PoE switches.





LEGRAND | AV COMMERCIAL BRANDS







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

SIMPLY CONNECTED | legrandav.com

NORTH AMERICA 800.572.2011 av.luxul.support@legrand.com CANADA 866.977.3901 av.luxul.support@legrand.com

©2024 Legrand AV Inc. 240362 Rev A 5/24 Luxul is a registered trademark of Legrand AV Inc. All other brand names or marks are used for identification purposes and are trademarks of their respective owners. All patents are protected under existing designations. Other patents pending.