

PRODUCT GUIDE

# Professional Grade Networking Products

**LUXUL**<sup>®</sup>  
A brand of **Legrand**

Simply Connected.



# Customer Assurance Program

SIMPLY CONNECTED

**01** Free Network design.

**02** Guaranteed WiFi coverage.

**03** Lifetime support.

## Customer Assurance Program

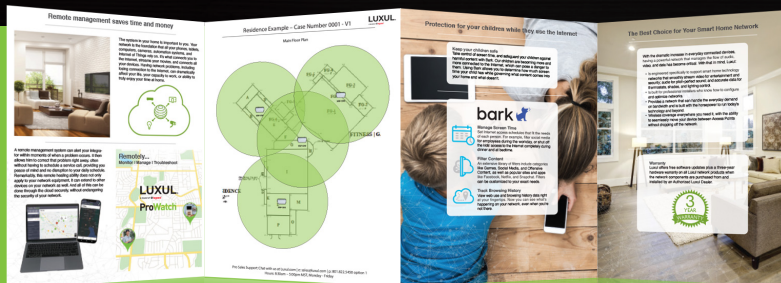
The Luxul Customer Assurance Program provides integrators a free, guaranteed, certified network design, taking the stress of designing a reliable network off their shoulders. Simply register your project online at [legrandav.com/networkdesign](http://legrandav.com/networkdesign). If the network design doesn't perform or provide full coverage, we'll make it right at no additional cost.

## Contact Us

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# Luxul Easy Setup App

**THE LUXUL EASY SETUP APP HELPS YOU SAVE TIME ON THE JOB.**

Set up a Luxul wireless router (XWR-1200, Epic 3, & Epic Mesh) in under two minutes, all from the convenience of your phone!

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# Epic Mesh



The Epic Mesh solution combines the power of a Luxul wireless product with the ease of wireless mesh networking solutions, resulting in a reliable network comparable to those you've come to depend on from Luxul. Enjoy simple installation with the Easy Setup App on your iOS or Android smartphone.

## ENJOY THESE ADDITIONAL FEATURES WITH THE LUXUL EPIC MESH SOLUTION

- High capacity bandwidth between nodes
- Specialized antenna design with beamforming for better device connectivity and speed
- Built-in ProWatch+ to remotely monitor and manage all connected devices on the network
- Quick and simple setup using Easy Setup App
- Physical node placement assistance for the best coverage

## SPECIFICATIONS

- Wave 2 MU-MIMO
- High capacity 5GHz (4x4) backhaul radio
- 2.4GHz and 5GHz (2x2) client connectivity radios
- Secure guest network



### EPIC WIRELESS MESH KIT

**MK-10** 

- Includes two interchangeable nodes (can be configured as a Gigabit mesh router or mesh satellite node)



### EPIC WIRELESS MESH NODE

**MN-10** 

- Can be used as Gigabit router, satellite, or additional node for expansion

# LUXUL ProWatch™

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## PROWATCH+

Luxul ProWatch+ products extend ProWatch gateway capabilities to non-ProWatch enabled products, including discovery and monitoring of all connected network devices.



### EPIC WIRELESS, WIRED, & MESH ROUTERS

## PROWATCH INTEGRATED

Luxul ProWatch Integrated products allow additional control, management, and information through the ProWatch app.



### MANAGED SWITCHES & PDUS

## PROWATCH

Luxul ProWatch enables products to provide device monitoring, alert notifications, firmware updates, and remote access and reboot.



### ACCESS POINTS & CONTROLLERS



REMOTELY  
MONITOR | MANAGE | TROUBLESHOOT

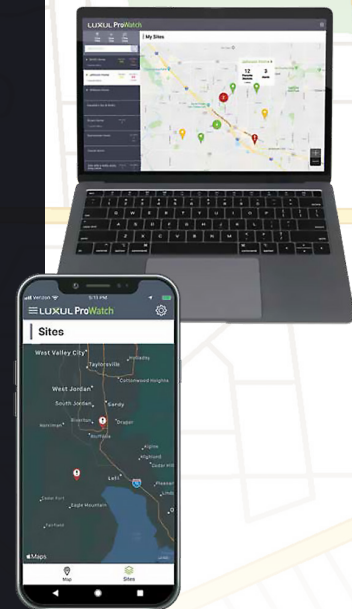
# LUXUL ProWatch™



## 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
- Perform firmware updates on select Luxul routers and access points
- Customizable alerts
- 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.



# Epic Routers

Luxul Epic routers are designed for use in high-capacity residential and commercial networks. A router is the interface between the internet and the local network and is the foundation for a reliable network. Luxul's line of full-featured, high-performance routers offer firewall, QoS, VLAN, VPN, and other capabilities that ensure the best network performance, scalability, and security.

## **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
- Built-in Bark\*

## **LUXUL** ProWatch+



### **EPIC 4 - GIGABIT ROUTER**

#### **ABR-4500**

- 500-600Mbps 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
- Built-in Bark\*



# bark

## **BARK (ROUTER LIMITS)**

Luxul routers with Bark content management\* put your customers back in control of their internet experience. Manage the traffic, pause device access, track history, set scheduled access, and limit site access by groups or devices with internet connections. Easily set, adjust, or create new restrictions from the cloud app, creating a seamless experience.



**MANAGE  
SCREEN TIME**



**FILTER  
CONTENT**



**TRACK BROWSING  
HISTORY**

# 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 for highly-reliable residential or light-commercial networks.

## EPIC 3 - DUAL-BAND WIRELESS AC3100 ROUTER

XWR-3150 

- 500-600Mbps WAN to LAN throughput
- Wireless data transfer of up to 3100Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 4x4 concurrent dual-band 802.11ac
- 2.4 and 5GHz beamforming
- Easy Setup App compatible
- Built-in Bark\*
- Built-in ProWatch+ remote management software

**LUXUL**  
ProWatch+



## DUAL-BAND WIRELESS AC1200 ROUTER

XWR-1200 

- 200-300Mbps WAN to LAN throughput
- Wireless data transfer of up to 1200Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 2x2 concurrent dual-band 802.11ac
- 5GHz beamforming
- Easy Setup App compatible
- Built-in Bark\*





# Wireless Controllers

With Luxul's Roam Assist technology, the XWC-2000 and XWC-1000 enable 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 complete line of full-featured, high-performance wireless routers.

SIMPLE TO INSTALL  
FREE LIFETIME SUPPORT  
NOT SOLD ONLINE!

### LUXUL ProWatch



### LUXUL ProWatch



### WIRELESS CONTROLLER XWC-2000

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

### WIRELESS CONTROLLER XWC-1000

- Active client roaming
- Centralized setup and control
- Supports up to 16 Luxul APs
- Built-in ProWatch remote management software

### WIRELESS ROUTER KITS

#### WS-260

- XWR-3150 & XAP-1610
- ProWatch+

#### WS-250

- XWR-3150 & XAP-1510
- ProWatch+

#### 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 16 APs and work with any combination of current XAP series models.

## LUXUL ProWatch



### WIRELESS CONTROLLER SYSTEM WITH 2, 4X4 AC3100 ACCESS POINTS

XWS-2610 

- One XWC-1000 wireless controller
- Two XAP-1610 WAVE 2 4x4 MU-MIMO AC3100 dual-band APs
- Two PoE injectors

## LUXUL ProWatch



### WIRELESS CONTROLLER SYSTEM WITH 2, 3X3 AC1900 ACCESS POINTS

XWS-2510 

- One XWC-1000 wireless controller
- Two XAP-1510 High-powered 3X3 AC1900 dual-band APs
- Two PoE injectors

## LUXUL ProWatch



### WIRELESS CONTROLLER SYSTEM WITH 2, 2X2 AC1200 ACCESS POINTS

XWS-1810 

- One XWC-1000 wireless controller
- Two XAP-810 High-powered 2x2 AC1200 dual-band APs
- Two PoE injectors

# Indoor Access Points

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.

## LUXUL ProWatch



### MU-MIMO 4X4 AC3100 DUAL-BAND WIRELESS AP

XAP-1610 

- 4x4 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

## LUXUL ProWatch



### HIGH-POWERED 3X3 AC1900 DUAL-BAND WIRELESS AP

XAP-1510 

- 3x3 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Ceiling or wall mount

## LUXUL ProWatch



### HIGH-POWERED 2X2 AC1200 DUAL-BAND WIRELESS AP

XAP-810 

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Ceiling or wall mount

# Controller Compatible Outdoor Access Points

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The Luxul controller compatible and weather resistant outdoor access point extends your WiFi coverage to the outdoors. Create connected outdoor spaces for mobile devices, streaming audio, and control systems.

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**ProWatch**



## **AC1200 DUAL-BAND OUTDOOR AP**

**XAP-1440** 

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Controller compatible
- Weather-resistant enclosure (IP-65 rated)

# Bridge + Range Extender

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The P40 offers a simple option for extending the reach of your wireless network. It can be used either as a bridge link for directly connecting Ethernet devices to your WiFi network or as a range extender for providing WiFi coverage to those hard-to-reach dead spots.



## **AC1200 WIFI BRIDGE + RANGE EXTENDER**

**P40** 

- 2x2 802.11ac
- 2.4GHz & 5GHz
- Plugs directly into wall outlet

# Outdoor Bridging Access Points

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The Luxul outdoor bridging access points provide weather-resistant solutions for wireless bridging. Use wireless bridges to provide remote building and IP camera connectivity.



## **AC1200 DUAL-BAND OUTDOOR BRIDGING AP**

**XWO-BAP1** 

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)
- Supports point-to-point and point-to-multipoint applications
- Includes one access point and one PoE injector



## **AC1200 DUAL-BAND OUTDOOR BRIDGING KIT**

**XWO-BKT1** 

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosures (IP-65 rated)
- Pre-configured bridge
- Includes two access points and two PoE injectors

# PoE Auto-Recovery

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Enable your switch to reboot PoE-connected devices when they fall offline or go unresponsive. You'll never get another call about security cameras freezing up—your clients' switches will take care of them automatically.

# Luxul Self-Healing Switches



# Luxul Self-Healing Switches

## PoE Power-Scheduling

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Set yourself apart by offering your clients the ultimate personalization of their systems—right down to the last detail, scheduling when their devices are powered on or off.

*These features are not available on the legacy PoE switches XFS-1816P & XMS-1010P.*



# Switch Icons

Look for the following icons to find the switch features you're looking for



PoE Auto-Recovery



PoE Power Scheduling



# AV Series Switches

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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 AV over IP (AVoIP) video systems; functionality, while non-managed switches are plug-and-play.

## **AV SERIES 24-PORT GIGABIT SWITCH**

### **AGS-1024**

- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation



## **AV SERIES 16-PORT GIGABIT SWITCH**

### **AGS-1016**

- 16 Gigabit RJ-45 ports
- 32Gbps switching capacity
- Fanless for silent operation





# AV Series PoE Switches

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

## NEW AV Series 24-Port Gigabit Managed PoE+ Switch

SW-610-24P-R  

- 24 Gigabit RJ-45 ports + four 10-Gigabit SFP+ ports
- Group up to 16 switches
- 24 PoE+ ports (370W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



## AV Series 26-Port Gigabit Managed PoE+ Switch

AMS-2624P  

- 24 Gigabit RJ-45 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

AMS-1816P  

- 16 Gigabit RJ-45 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

AMS-1208P  

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



# L2/L3 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. The perfect switches for all your demanding IP Video installations.

## NEW 48-Port Gigabit Managed PoE+ Switch

SW-610-48P-F  

- 48 Gigabit RJ-45 ports + four 10-Gigabit SFP+ ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



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**INTEGRATED**

## NEW 48-Port Gigabit Managed PoE+ Switch

SW-510-48P-F  

- 48 Gigabit RJ-45 ports + four Gigabit SFP ports
- Group up to 16 switches
- 48 PoE+ ports (740W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



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**ProWatch**  
**INTEGRATED**

## 26-Port Gigabit Managed PoE+ Switch

XMS-2624P  

- 26 Gigabit RJ-45 ports + two Gigabit combo ports
- 24 PoE+ ports (370W power budget)
- Variable speed fan
- Luxul ProWatch Integrated



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**ProWatch**  
**INTEGRATED**

## 12-Port Gigabit Managed PoE+ Switch

XMS-1208P  

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



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# Compact PoE Switches

Small enough to fit behind a TV, in an enclosure, in tight spaces, or mount on a wall, these new compact switches provide great options when you need to power PoE devices but don't want to sacrifice the space. Perfect for connecting IP cameras, wireless APs, AVoIP devices, control panels and automation devices.

## 8 Port PoE+ Compact Switch

SW-100-08P



- 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
- Three-year warranty

## 4 Port PoE+ Compact Switch

SW-100-04P



- 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
- Three-year warranty

# Compact PoE Powered Switches

This switch lets you power an AVoIP receiver, control panel, PoE camera, or other PoE device, while providing a data connection to additional devices in a small form factor you can hide behind a TV or other tight space. Because it's PoE+ powered, you can remotely reboot it from your upstream managed PoE+ switch.

## 5 Port Gb Multi-Mount Compact Switch

SW-100-05PD

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



# Compact Multi-Purpose Switches

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

## 8-Port Gigabit Desktop Switch

XGS-1008



- 8 Gigabit RJ-45 ports
- 16Gbps switching capacity
- Designed for desktop or wall mount

## 5-Port Mini Gigabit Switch

XGS-1005



- 5 Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount

# Intelligent PDUs

Avoid needless service calls with PDUs designed just for installers. Easily monitor and manage connected electronic components, or use the built-in user interface, third-party control systems, or Luxul ProWatch to manually reboot unresponsive devices. North American power cord only.

## PDU-02 Intelligent Network Power Distribution Unit

PDU-02

- Individual IP control of two outlets
- Self-healing device recovery
- Desktop or wall mount



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## PDU-08 Intelligent Network Power Distribution Unit

PDU-08

- Individual IP control of up to eight outlets (9 total)
- Self-healing device recovery
- Rack or desktop mount



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## PDU-16 Intelligent Network Power Distribution Unit

PDU-16

- Individual IP control of up to eight outlets (16 total)
- Self-healing device recovery
- Rack mount



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Luxul has developed drivers for URC, Crestron, Control4, RTI and Savant to control Luxul PDU products to perform functions (dependent on the corresponding control system) like rebooting PDU powered devices based on a schedule, triggering shutdown based on system events, or powering devices.



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