

The image is a vertical cover for a product guide. It features a background of a modern interior space with a white wall, a wooden table, a leather chair, and a wall-mounted light fixture. A large black diagonal band runs across the middle, partially obscuring the background. The Luxul logo is centered in the upper half, with the word 'LUXUL' in white and a green 'X' that has a stylized green arrow pointing upwards. Below the logo, the words 'Product Guide' are written in white. The entire image is overlaid with a dark, semi-transparent geometric pattern of interconnected lines and dots.

# LUXUL

Product Guide

# SIMPLY CONNECTED

Luxul is the leading innovator of simple-to-deploy professional grade IP networking solutions made exclusively for custom installation professionals.

Designed for residential and commercial environments, the Luxul family offers a complete line of solutions that simplify network design and deployment — resulting in a scalable network that is both powerful and easy to install.

With Luxul, installers can deliver the ultimate IP network without the complexity associated with traditional networking gear.

All Luxul products include free lifetime support and a three-year limited warranty. Plus, Luxul equipment is available only through authorized distributors of residential and commercial integration products.



## Epic Commercial-Grade Routers

Luxul Epic commercial-grade 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 complete line of full-featured, high-performance routers offer firewall, QoS, VLAN, VPN, and other capabilities that ensure the best network performance, scalability, and security.

### Epic 5

#### High-Performance Gigabit Router

##### ABR-5000

- ▶ High-performance full-gigabit WAN to LAN throughput
- ▶ 2 WAN, 5 LAN ports
- ▶ Rear-facing ports with user-selectable green or blue front-facing leds



### Epic 4

#### Multi-WAN Gigabit Router

##### ABR-4500

- ▶ Ports on the back
- ▶ Configurable LAN/WAN ports
- ▶ Rear-facing ports with user-selectable green or blue front-facing leds



##### XBR-4500

- ▶ Front-facing ports
- ▶ Configurable LAN/WAN ports



## Wireless Routers

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

### Epic 3

#### Dual-Band Wireless AC3100 Gigabit Router

##### XWR-3150

- ▶ Built-in wireless controller (supports up to 2 additional Luxul APs)
- ▶ Wave 2, MU-MIMO 802.11ac
- ▶ Wireless data transfer of up to 3100Mbps
- ▶ 4x4 concurrent dual-band 802.11ac
- ▶ Easy Setup App compatible
- ▶ Built-in Domotz remote management system
- ▶ Built-in Router Limits\*



#### Dual-Band Wireless AC1200 Gigabit Router

##### XWR-1200

- ▶ Built-in wireless controller (supports up to 2 additional Luxul APs)
- ▶ Wireless data transfer of up to 1200Mbps
- ▶ 2x2 concurrent dual-band 802.11ac
- ▶ 5GHz beamforming
- ▶ Easy Setup App compatible
- ▶ Router Limits included\*



\*Subscription fees may apply when controlling devices off your network

# Customer Assurance Program

## Free Network Design, Guaranteed WiFi Coverage, Ongoing Support

The Luxul Customer Assurance Program provides installers a free, guaranteed, certified network design, taking the stress of designing a reliable network off their shoulders. Installers simply visit [www.luxul.com/assurance-program.aspx](http://www.luxul.com/assurance-program.aspx) and register their project. If the network design doesn't perform or provide full coverage, we'll make it right at no additional cost.

### Remote management saves time and money

The system of your home is important to you. Your network is the backbone that all your devices, smart computers, cameras, automation systems, and more of things rely on. To make sure you're in full control of your network, we've created an app that lets you manage your network, including things like your security, and automatically alerts you to your security, or ability to fully enjoy your time at home.



As a network management system, you can view your network from anywhere at any time. You can view the status of your network, including things like your security, and automatically alerts you to your security, or ability to fully enjoy your time at home.

demotz

### The Best Choice for Your Smart Home Network

With the dramatic increase in smart home devices, having a smart network that manages the flow of traffic, video, and data has become critical. With that in mind, Luxul offers a network solution to support your smart home network, including the ability to manage your network and security, and to manage your network from anywhere.

- A network solution to support your smart home network, including the ability to manage your network and security, and to manage your network from anywhere.
- To be able to manage your network and security, and to manage your network from anywhere.
- To be able to manage your network and security, and to manage your network from anywhere.

3 YEARS WARRANTY

### Protection for your children while they use the Internet

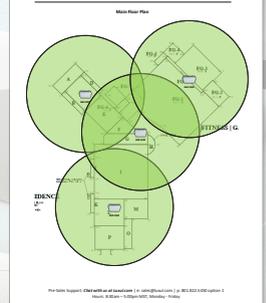
Keep your children safe. The internet is a great place, but it's also a place where your children can be exposed to inappropriate content, cyberbullying, and more. With Luxul's internet protection, you can protect your children from these risks, and more. With Luxul's internet protection, you can protect your children from these risks, and more.

Storage System Time. The internet is a great place, but it's also a place where your children can be exposed to inappropriate content, cyberbullying, and more. With Luxul's internet protection, you can protect your children from these risks, and more.

File Control. The internet is a great place, but it's also a place where your children can be exposed to inappropriate content, cyberbullying, and more. With Luxul's internet protection, you can protect your children from these risks, and more.

Block Streaming Services. The internet is a great place, but it's also a place where your children can be exposed to inappropriate content, cyberbullying, and more. With Luxul's internet protection, you can protect your children from these risks, and more.

### Residence Example - Case Number 0001 - V1



## Active Wireless Roaming with Luxul Roam Assist™

Luxul wireless products offer innovative technology and fast data throughput, but a great wireless network is about more than just speed. Modern lifestyles rely on mobile devices, and customers expect to roam seamlessly across their network. Luxul wireless controllers with Roam Assist technology solve client roaming issues while making set-up faster and easier. Now, professional installers can deliver the best wireless network more cost-effectively than ever before.



## Luxul Easy Setup App

The Luxul Easy Setup App helps you be efficient on the job. Set up a Luxul wireless router (XWR-1200 & XWR-3150) and up to two additional access points at the same time in under two minutes, all from the convenience of your phone!



## Router Limits

Luxul routers with Router Limits 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.



\*Subscription fees may apply when controlling devices off your network

## Wireless Controllers

With Luxul's Roam Assist technology, the XWC-2000 and XWC-1000 enable active roaming while simplifying the access point 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.

New

### Wireless Controller

#### XWC-2000

- ▶ Active client roaming
- ▶ Centralized setup and control
- ▶ Supports up to 32 Luxul APs



### Wireless Controller

#### XWC-1000

- ▶ Active client roaming
- ▶ Centralized setup and control
- ▶ Supports up to 16 Luxul APs



### Wireless Routers with Built-in Wireless Controller

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

### Wireless Router Kits

#### WS-260

XWR-3150 & XAP-1610

#### WS-250

XWR-3150 & XAP-1510

#### WS-80

XWR-1200 & XAP-810



New

New

## 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 Luxul XAP-3xx, XAP-12xx, XAP-14xx, XAP-15xx, or XAP-16xx series of APs.

New

### Wireless Controller System with Wave 2, MU-MIMO 4X4 AC3100 Access Points

#### XWS-2610

- ▶ 1 XWC-1000 Wireless Controller
- ▶ 2 XAP-1610 AC3100 Dual-Band Access Points
- ▶ 2 PoE injectors



### Wireless Controller System with High-Powered AC1900 Access Points

#### XWS-2510

- ▶ 1 XWC-1000 Wireless Controller
- ▶ 2 XAP-1510 AC1900 Dual-Band Access Points
- ▶ 2 PoE injectors



### Wireless Controller System with High-Powered 300N Access Points

#### XWS-1810

- ▶ 1 XWC-1000 Wireless Controller
- ▶ 2 XAP-810 Dual-Band Access Points
- ▶ 2 PoE injectors



## Indoor Apex™ Access Points

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

New



### AC3100 Dual-Band Wireless AP

**XAP-1610**

- ▶ 4X4 Wave 2, MU-MIMO 802.11ac
- ▶ High-Powered
- ▶ 2.4GHz & 5GHz
- ▶ Beamforming on both bands
- ▶ Perfect for high demand IoT traffic
- ▶ Online gamers love the extreme throughput
- ▶ Ceiling or wall mount

## Outdoor Access Points

The Luxul outdoor AP family provides weather-resistant solutions for both wireless coverage and bridging. Create connected outdoor spaces for mobile devices, streaming audio, and control systems and use wireless bridges to provide remote building and IP camera connectivity.

### Outdoor Wireless Controller Compatible APs

#### Wireless 300N Single-Band Outdoor AP

**XAP-1240**

- ▶ 2x2
- ▶ 2.4GHz
- ▶ Great for broad outdoor coverage



#### Dual-Band AC1200 Outdoor AP

**XAP-1440**

- ▶ Supports point-to-point and point-to-multipoint applications
- ▶ 2x2 Concurrent Dual-Band 802.11ac



### Outdoor Bridging APs

#### AC1200 Dual-Band Outdoor Bridging AP

**XWO-BAP1**

- ▶ Supports point-to-point and point-to-multipoint applications
- ▶ 2X2 802.11ac
- ▶ High-Powered
- ▶ 2.4GHz & 5GHz
- ▶ Weather resistant enclosure (IP-65 rated)



#### High Power AC1200 Dual-Band Outdoor Bridging Kit

**XWO-BKT1**

- ▶ Pre-configured bridge
- ▶ 2x2 Concurrent Dual-Band 802.11ac
- ▶ Includes two access points and PoE injectors



### AC1900 Dual-Band Wireless AP

**XAP-1510**

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



### AC1200 Dual-Band Wireless AP

**XAP-810**

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



## Remote Monitoring and Management



Domotz is a cloud-based remote monitoring and management platform that allows integrators and networking professionals to connect to their customers' networks from a browser and remotely monitor, manage, and configure devices connected to that network from anywhere.

Installing Domotz is a breeze. Integrators simply enable a Domotz "agent"—built in to any Luxul Epic Router or provided in a standalone "Domotz Pro" device—on the networks they'd like to manage. Integrated with 'Fing' technology, Domotz automatically recognizes, maps, and names over 15 billion devices, quickening setup time. Then, through the Domotz cloud, integrators can connect remotely through a specified agent to troubleshoot, configure, or report on the many different types of their customers' devices.



### Domotz Pro Remote Management Device

#### XRM-DTZ1

- ▶ Network and device monitoring
- ▶ Notification alerts if problems arise
- ▶ Network diagnostics
- ▶ Remote network/device access
- ▶ Remote power management



## AV Series Switches

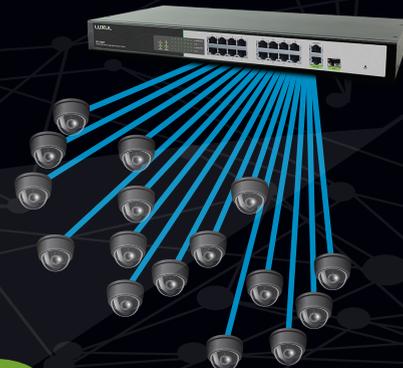
The Luxul AV Series of switches are designed for custom installers who want to install the best-looking AV racks. AV Series switches feature rear-panel ports and front-facing user-selectable (blue/green) LEDs for a beautiful rack and LEDs on the rear with a simple interface for convenient monitoring and troubleshooting. Layer 2/3-capable managed PoE models are also engineered for demanding video distribution systems.



Look for this icon to indicate products for AV over IP.

## IP Video Switches

Several Luxul PoE switches are designed for professional installers of IP video solutions. Engineered for 4, 8, and 16 channel NVR systems, these switches offer the exact number of required PoE ports (4, 8, or 16), while also providing additional uplink ports that can be used for connecting to a main switch, router, or even directly to the NVR. These switches also offer healthy power budgets, so you'll have sufficient power for even the most demanding projects.



Look for this icon to indicate products for IP video.



## PoE Auto-Recovery

Make yourself the most valuable part of your clients' systems by offering them complete reliability with PoE Auto-Recovery, and as an added bonus, roll fewer trucks each month for service calls!

## PoE Power-Scheduling

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.



Available on all current PoE managed switches except XFS-1816P & AMS-1010P

## 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 HD over IP video systems; non-managed switches are plug-and-play.

### AV Series 26-port Gigabit Managed Switch

**AMS-2600** AV

- ▶ 24 Gigabit RJ-45 ports + two Gigabit combo ports
- ▶ 52Gbps switching capacity
- ▶ L2/L3 management
- ▶ Fanless for silent operation



### 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 and power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.

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

**AMS-4424P** AV

- ▶ 24 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- ▶ Stackable up to 384 ports
- ▶ 24 PoE+ ports (250W power budget)
- ▶ Variable speed fans for quiet operation



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

**AMS-2624P** AV

- ▶ 24 Gigabit RJ-45 ports + two Gigabit combo ports
- ▶ 24 PoE+ ports (250W power budget)
- ▶ Variable speed fans for quiet operation



New

### AV Series 18-Port Gigabit Managed PoE+ Switch

**AMS-1816P** AV

- ▶ 16 Gigabit RJ-45 ports + two Gigabit combo ports
- ▶ 16 PoE+ ports (185W power budget)
- ▶ Variable speed fan for quiet operation



### AV Series 12-Port Gigabit Managed PoE+ Switch

**AMS-1208P** AV

- ▶ 8 Gigabit RJ-45 ports + two Gigabit combo ports
- ▶ 8 PoE+ ports (130W power budget)
- ▶ Fanless for silent operation



## 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.

### 52-Port Stackable Gigabit Managed PoE+ Switch

**XMS-7048P**  

- ▶ 50 Gigabit RJ-45 ports + two 10 Gigabit SFP+ ports
- ▶ Stackable up to 800 ports
- ▶ 48 PoE+ ports (740W power budget)
- ▶ Standard 1U rack mount



### 52-Port Gigabit Managed PoE+ Switch

**XMS-5248P**  

- ▶ 50 Gigabit RJ-45 ports + two 1 Gigabit SFP ports
- ▶ 48 PoE+ ports (740W power budget)
- ▶ Standard 1U rack mount



### 26-Port Gigabit Managed PoE+ Switch

**XMS-2624P**  

- ▶ 26 Gigabit RJ-45 ports + two 1 Gigabit combo ports
- ▶ 24 PoE+ ports (370W power budget)
- ▶ Standard 1U rack mount



### 12-Port Gigabit Managed PoE+ Switch

**XMS-1208P**  

- ▶ 8 Gigabit Ethernet PoE+ ports (130W Budget)
- ▶ 2 Gigabit Ethernet ports & 2 SFP ports
  - Can be used independently
- ▶ Standard 1U rack mount



## Smart & Unmanaged PoE Switches

Designed for 4, 8, and 16 channel NVR systems. These switches offer PoE ports (4, 8, or 16), and provide uplink ports that can be used to connect a main switch/router or directly to an NVR. They also offer healthy power budgets, so you'll have the power needed for the most demanding projects.

### 10-Port/8 PoE+ Gigabit Managed Switch

**XMS-1010P** 

- ▶ 8 Gigabit RJ-45 ports + two Gigabit uplinks
- ▶ 8 PoE+ ports (130W power budget)
- ▶ Simple remote power reboot and scheduling



### 18-Port/16 PoE+/2 Gigabit Uplinks Smart Switch

**XFS-1816P** 

- ▶ 16 Fast Ethernet RJ-45 ports + two Gigabit uplinks
- ▶ 16 PoE+ ports (250W power budget)
- ▶ Simple remote power reboot and scheduling



### 8-Port Fast Ethernet PoE Switch

**XFS-1084P** 

- ▶ 8 Fast Ethernet ports
- ▶ 4 PoE ports (60W power budget)



New

## Other Switches

Based on the newest standards and highest-quality design, Luxul switches offer a scalable and affordable choice for network expansion or setting up a VoIP, multimedia, control, or surveillance system. All Luxul switches offer non-blocking full duplex performance.

### 24-Port Gigabit Flex Mount Switch

#### XGS-1024S

- ▶ 24 Gigabit RJ-45 ports
- ▶ Fanless for silent operation
- ▶ Rack, desktop, or wall mount



### 8-Port Gigabit Flex Mount Switch

#### AGS-1008M

- ▶ 8 Gigabit RJ-45 ports
- ▶ Includes magnetic mounting system
- ▶ Powered via standard AC or PoE
- ▶ Great for edge-of-network installation



### 8-Port Gigabit Desktop Switch

#### XGS-1008

- ▶ 8 Gigabit RJ-45 ports
- ▶ Designed for desktop or wall-mount
- ▶ Great for edge-of-network installation
- ▶ Sleek design



### 5-Port Mini Gigabit Switch

#### XGS-1005-5

- ▶ 5 XGS-1005's sold in a package
- ▶ 5 Gigabit RJ-45 ports
- ▶ Great for edge-of-network installation
- ▶ Ultra-compact size



## Intelligent PDUs

Avoid needless service calls with PDUs designed just for installers. You can easily monitor and manage connected electronic components. Use the built-in user interface, third-party control systems, or cloud remote management platforms to manually reboot unresponsive devices.

### PDU 2

#### Intelligent Network Power Distribution Unit

##### PDU-02 \*

- ▶ Individual IP control of 2 outlets
- ▶ Self-Healing device recovery
- ▶ Remote management and monitoring



### PDU 8

#### Intelligent Network Power Distribution Unit

##### PDU-08 \*

- ▶ Individual IP control of up to 8 outlets (9 total)
- ▶ Self-Healing device recovery
- ▶ Remote management and monitoring
- ▶ Rack, Desktop Mount



### PDU 16

#### Intelligent Network Power Distribution Unit

##### PDU-16 \*

- ▶ Individual IP control of 8 outlets (16 total)
- ▶ Self-Healing device recovery
- ▶ Remote management and monitoring



\* North American power cord only



**LUXUL**

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