LUXUL
Simply Connected

Product Guide

EMPOWE

Why Luxul?

Luxul is the leading innovator of simple-to-deploy professional grade IP networking solutions made just for custom installation professionals. Designed for use in both 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.

ERED

With Luxul You Get:
- ▶ Simple Installation and Setup
- ▶ Products Not Sold Online!
- ▶ Free Lifetime Support
- ▶ 3 Year Limited Warranty
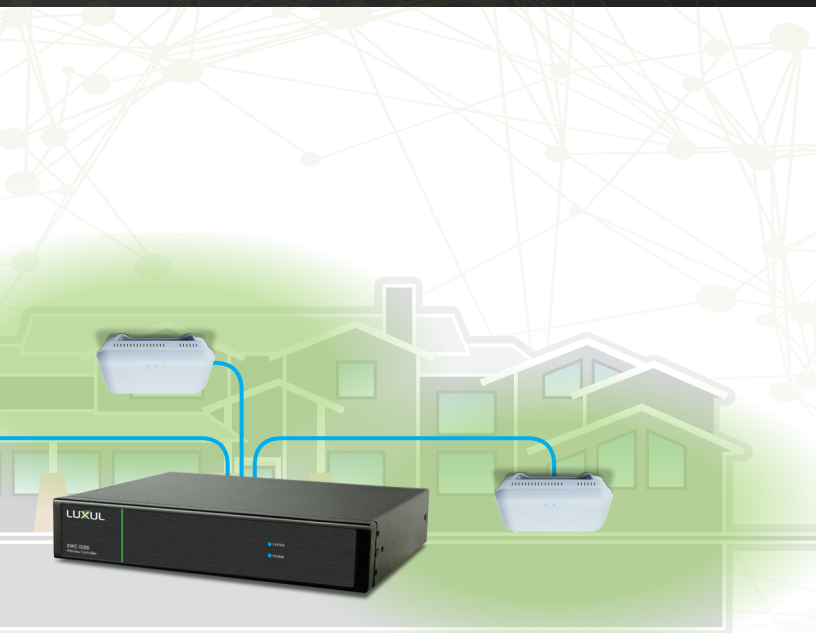
Seamless Wireless Roaming

Luxul wireless products offer leading-edge 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 about their network. Luxul's Wireless Controllers with Roam Assist™ technology solve client roaming issues while making deployment faster and easier. Professional installers can now deliver a world-class wireless network more cost-effectively than ever before.

Routers for Empowered Networks

The network is the foundation on which entertainment, control and automation systems are built. Luxul routers help you lay that foundation, offering everything you expect in a full-featured high-performance router. But that's not all. Luxul Epic routers offer powerful web content filtering and remote management capabilities, making the network smarter and more reliable, while Luxul Roam Assist™ empowers Luxul wireless access points to offer seamless client roaming for an exceptional internet experience. Luxul routers aren't just routers—they're Epic.

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 feature firewall, QoS, VLAN, VPN, and other capabilities that ensure optimal network performance, scalability and security.

New - Coming Q1 2017

Epic 5

AV Series High-Performance Gigabit Router

ABR-5000

- ▶ High-Performance Full-Gigabit Throughput
- ▶ 2 WAN, 5 LAN Ports
- ▶ Rear-Facing Ports with User-Selectable Green or Blue Front-Facing LEDs

New - Coming Q1 2017

Epic 4

AV Series Multi-WAN Gigabit Router

ABR-4500

- ▶ Configurable LAN/WAN Ports
- ▶ Rear-Facing Ports with User-Selectable Green or Blue Front-Facing LEDs

New - Coming Q1 2017

Epic 4

Commercial Grade Multi-WAN Gigabit Router

XBR-4500

- ▶ Front Facing Ports
- ▶ Configurable LAN/WAN Ports

Wireless Routers

Luxuls Line of Wireless Routers combine wired router functionality with Concurrent Dual-Band wireless technology. They are a great choice for setting up an affordable and highly-reliable residential or light-commercial network. Luxul Wireless Routers support Firewall, QoS, VPN and now Roam Assist™ for seamless roaming and optimized network performance and security.

New
Dual-Band Wireless AC3100 Gigabit Router
XWR-3100

- ▶ Built-in Wireless Controller
  (Supports up to 2 additional Luxul APs)
- ▶ Wireless Data Transfer of up to 3100Mbps
- ▶ 4x4 Concurrent Dual-Band 802.11ac
- ▶ Beamforming on both bands

New
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

Wireless Controllers

With Luxul's exclusive Roam Assist™ technology, the XWC-1000 enables seamless roaming while also simplifying wireless system setup and control. It is compatible with all Luxul standard-power APs, along with XAP-3xx, XAP-12xx, XAP-14xx and XAP-15xx series of high-power APs—allowing installers to mix and match APs to maximize the performance and budget of each project.

Wireless Controller

XWC-1000

- ▶ Seamless Client Roaming
- ▶ Centralized Setup and Control
- ▶ Supports up to 16 Luxul APs

New

Wireless Routers with Built-in Wireless Controller

Luxul's Roam Assist™ technology will be available soon in Luxul's complete line of full-featured high-performance routers. See the Router section for details.

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 or XAP-15xx series of APs.

Wireless Controller System with High-Power AC1900 Access Points
XWS-2510

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

Wireless Controller System with Standard-Power
300N Access Points
XWS-1310

- ▶ 1 XWC-1000 Wireless Controller
- ▶ 3 XAP-310 Access Points
- ▶ 3 PoE Injectors

Dual-Band Access Points

Our Dual-Band Access Points are based on the latest 802.11ac standards. They offer high power Concurrent Dual-Band wireless functionality along with Beamforming technology to deliver farther-reaching Wi-Fi coverage and maximum data rates—resulting in a superior wireless networking experience.

AC1900 Dual-Band Wireless AP
XAP-1510

- ▶ High Power on Both Bands
- ▶ Ceiling or Wall Mount
- ▶ 3x3 Concurrent Dual-Band 802.11ac
- ▶ Beamforming

AC1200 Dual-Band Wireless AP
XAP-1410

- ▶ High Power on Both Bands
- ▶ Ceiling or Wall Mount
- ▶ 2x2 Concurrent Dual-Band 802.11ac
- ▶ Beamforming

New
High Power AC1200 Dual-Band Outdoor Bridging AP
XWO-BAP1

- ▶ Supports Point-to-Point and Point-to-Multipoint Applications
- ▶ Weather Resistant Enclosure (IP-65 Rated)

New
High Power AC1200 Dual-Band Outdoor Bridging Kit
XWO-BKT1

- ▶ Everything you need for outdoor Wi-Fi bridging and coverage
- ▶ Includes two access points and PoE injectors

Single-Band Access Points

The Luxul AP family offers a wide range of options for optimizing wireless coverage, as well as price/performance flexibility. Our high-power APs deliver up to 10X the power and 300% coverage improvement over standard Wi-Fi gear, offering broader Wi-Fi coverage with fewer access points.

Wireless 300N Low Profile AP
XAP-310
- ▶ Standard 100mW Output
- ▶ Ceiling or Wall Mount

Wireless 300N Commercial Grade AP
XAP-1230
- ▶ High Power
- ▶ Extended Temperature Rated

New
Wireless 300N Outdoor AP
XAP-1240
- ▶ High Power
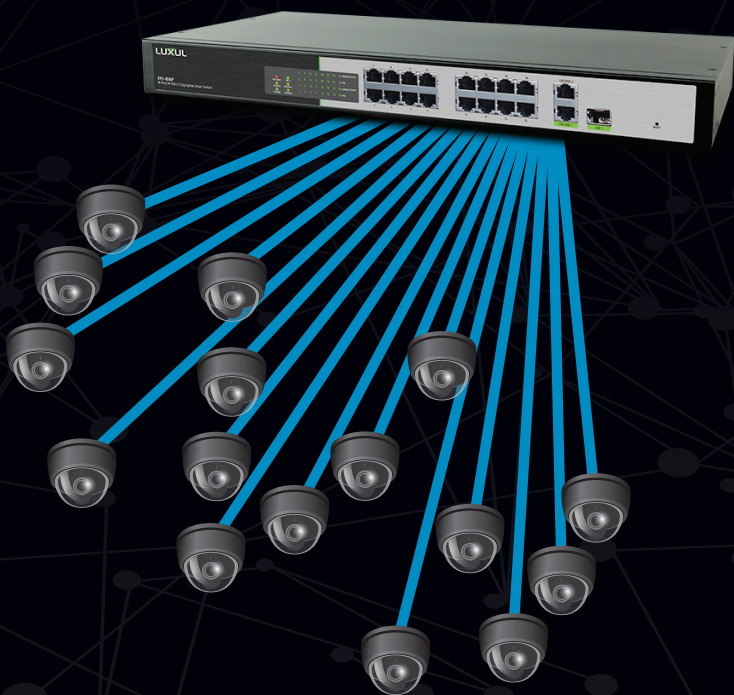- ▶ Great for Broad Outdoor Coverage

AV Series Switches

The Luxul AV Series of switches are purpose-built just for custom installers who want to install the best-looking AV racks. The AV Series features 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 optimized for use in demanding video distribution systems.

Look for this icon to indicate products optimized for HD over IP.

IP Video Optimized Switches

Several Luxul PoE switches are purpose-built for professional installers of IP Video solutions. Optimized 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 optimized for IP Video.

AV Series Switches

The Luxul AV Series of Managed Switches feature rear-panel ports and front-facing blue/green LEDs for sleek AV racks. Optimized for use in HD over IP video systems, the PoE+ switches offer full 802.3af/at compliance and healthy power budgets. Advanced Layer 2/Layer 3 features help optimize network traffic while the easy-to-use management interface simplifies installation.

AV Series 26-Port Stackable Gigabit Managed PoE+ Switch `HD`

AMS-4424P

- ▶ 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 `HD`
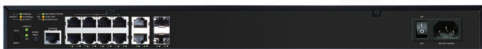
AMS-2624P

- ▶ 24 Gigabit RJ-45 Ports + Two Gigabit Combo Ports
- ▶ 24 PoE+ Ports (250W Power Budget)
- ▶ Variable Speed Fans for Quiet Operation

AV Series 12-Port Gigabit Managed PoE+ Switch `HD`

AMS-1208P

- ▶ 10 Gigabit RJ-45 Ports + Two Gigabit SFP Ports
- ▶ 8 PoE+ Ports (130W Power Budget)
- ▶ Fanless for Silent Operation

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 optimized for use in HD over IP video systems. Non-managed switches are plug-and-play.

AV Series 26-port Gigabit Managed Switch `HD`
AMS-2600
- ▶ 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

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, along with optimization of network traffic. Switches with PoE+ functionality offer full 802.3af/at compliance and healthy power budgets. Luxul L2/L3 Managed Switches are also optimized for use in HD over IP video systems.

52-Port Stackable Gigabit Managed PoE+ Switch HD

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 HD

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 HD

XMS-2624P

- ▶ 26 Gigabit RJ-45 Ports + Two 1 Gigabit Combo Ports
- ▶ 24 PoE+ Ports (370W Power Budget)
- ▶ Standard 1U Rack Mount

PoE Switches

The following PoE switches are purpose-built for professional installers of IP Video solutions. Optimized 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.

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)

SWITCHES

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

5-Port Mini Gigabit Switch
XGS-1005
- ▶ 5 Gigabit RJ-45 Ports
- ▶ Ultra-Compact Size
- ▶ Great for Edge-of-Network Installation

Intelligent PDUs

Avoid needless service calls with Intelligent Power Distribution Units (PDUs) designed just for installers. With Luxul Intelligent PDUs, you can be notified the moment a device fails or is offline and proactively take action before your customer realizes there is a problem. You can also easily create schedules and rules for automatic network or device power cycling, failure notifications, status alerts and more.

New
8-Outlet Intelligent PDU

APD-800 *(Coming Soon)*

- ▶ Remotely Control Individual Power Outlets
- ▶ 8 Controlled Outlets
- ▶ Standard 1U Rack Mount
- ▶ Fanless for Silent Operation

New
4-Outlet Intelligent PDU

APD-400 *(Coming Soon)*

- ▶ Remotely Control Individual Power Outlets
- ▶ 4 Controlled Outlets
- ▶ Supports Wi-Fi Connectivity
- ▶ Surface Mount
- ▶ Fanless for Silent Operation

New
Domotz Pro Remote Management System

XRM-DTZ1 *(Coming Soon)*

- ▶ Network and Device Monitoring
- ▶ Notification Alerts if Problems Arise
- ▶ Network Diagnostics
- ▶ Remote Network/Device Access
- ▶ Remote Power Management

LUXUL

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