



LUXUL

Simply Connected

Product Guide

Versatile
Point-to-Point
Omni-directional
Ultimate Home Wall Mounted
Uncomplicated Incredible Gigabit Layer 2/3 Features
HD Over IP Managed Switches Wi-Fi Office network
Deployment Commercial Concurrent Amazing Wireless
Cost-Effective Residential Wireless Controller Ethernet
Technology Bottom Line **Simple to Install** Channels Reliable Solution
Connectivity Wireless Range Extender **Free Lifetime Support** High Power Connectivity
Reliable Solutions Data Rates **Not Sold Online** Low Profile Technology
Commercial Grade Access Points Stackable Switches Multi-WAN
Power-Over-Ethernet Remote Cloud Management
Authorized distribution Routers Exceptional
Unmanaged Whole-Home
AC Easy-to-Deploy Innovator
Optimized

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.



With Luxul You Get:

- ▶ Simple Installation and Setup
- ▶ Products Not Sold Online!
- ▶ Free Lifetime Support
- ▶ 3 Year Limited Warranty



Remote Cloud Management

Avoid Needless Service Calls with our Intelligent Power Distribution and Remote Management Solutions designed just for installers. Now you can simplify your business, improve your bottom line and deliver a better customer experience with remote monitoring, management and troubleshooting tools.

- ▶ Monitor performance and manage your customer networks remotely
- ▶ Get instant notification when a device or network needs attention
- ▶ Reboot devices or cycle networks from anywhere
- ▶ Easily create schedules and rules for automatic network or device power cycling, failure notifications, firmware updates and more



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 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



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 300N Access Points

XWS-2210

- ▶ 1 XWC-1000 Wireless Controller
- ▶ 2 XAP-1210 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
- ▶ 1 5-port PoE Switch



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.



New

AC1900 Dual-Band Wireless AP

XAP-1510

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



New

AC1200 Dual-Band Wireless AP

XAP-1410 (Coming late Q1 2016)

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

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 APs. All Luxul APs are compatible with the XWC-1000 controller for simple setup and seamless roaming.



Wireless 300N Low Profile AP XAP-1210

- ▶ High Power
- ▶ Ceiling or Wall Mount



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

Commercial Grade Routers

Luxul Commercial Grade Routers are designed for use in high-capacity residential and commercial networks. A router is the primary interface between the Internet connection and the local network and is a critical building block for a reliable network. In addition to providing more horsepower, Luxul routers feature firewall, QoS, VLAN, VPN, and other capabilities that ensure optimal network performance, scalability and security.

AV Series Multi-WAN Gigabit Router

ABR-4400

- ▶ Supports up to 512 Concurrent Device Entries
- ▶ Configurable LAN/WAN Ports
- ▶ Rear-Facing Ports with User-Selectable Green or Blue Front-Facing LEDs
- ▶ Rack Mount or Desktop Use



Commercial Grade Multi-WAN Gigabit Router

XBR-4400

- ▶ Supports up to 512 Concurrent Device Entries
- ▶ Configurable LAN/WAN Ports
- ▶ Rack Mount or Desktop Use



Wireless Routers

Luxul 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 other functions for optimizing network performance and security.

Dual-Band Wireless AC1750 Gigabit Router

XWR-1750

- ▶ High Power on Both Bands
- ▶ Wireless Data Transfer of up to 1750Mbps
- ▶ 3x3 Concurrent Dual-Band 802.11ac
- ▶ Gigabit RJ-45 Ports



Dual-Band Wireless 600N Router

XWR-600

- ▶ Wireless Data Transfer of up to 600Mbps
- ▶ 2x2 Concurrent Dual-Band 600N
- ▶ Gigabit RJ-45 Ports





AV Series Switches

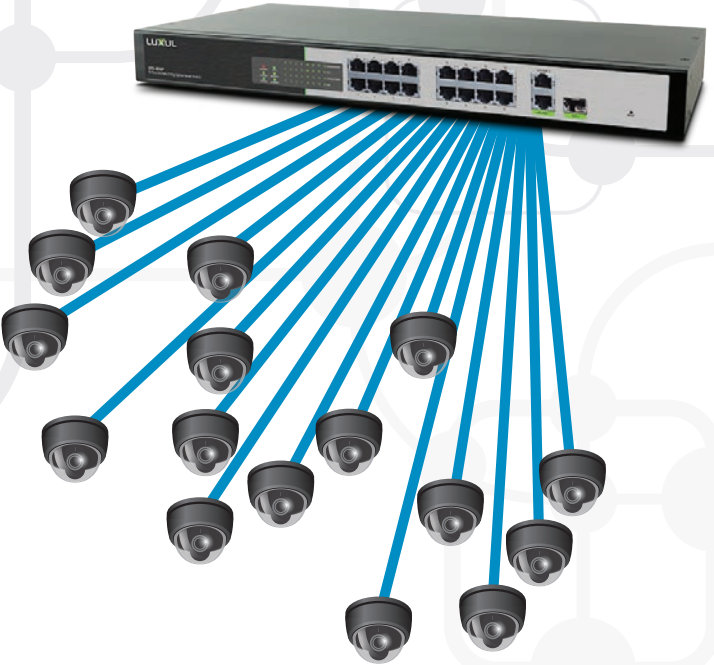
The Luxul AV Series of switches are purpose-built just for custom installers who want to install the best-looking AV racks. The AV Series features rear-panel ports and front-facing user-selectable (blue/green) LEDs for a beautiful rack, and LEDs on the rear with a simple interface for convenient monitoring 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-2616P

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

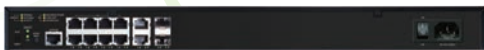


AV Series 12-Port Gigabit Managed PoE+ Switch

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.

New

AV Series 26-port Gigabit Managed Switch

HD

AMS-2600 (Coming Q4 2015)

- ▶ 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.

New

52-Port Stackable Gigabit Managed PoE+ Switch



XMS-7048P (Coming Q4 2015)

- ▶ 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



New

52-Port Gigabit Managed PoE+ Switch



XMS-5248P (Coming Q4 2015)

- ▶ 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



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)



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 Fast Ethernet Switch

XVS-F5

- ▶ 5 Fast Ethernet 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 Q1 2016)

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



New 4-Outlet Intelligent PDU

APD-400 (Coming Q1 2016)

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



Accessories

For maximum compatibility with Luxul products as well as for installation convenience, Luxul offers a variety of accessory items and replacement parts.

Wireless Range Extender/Bridge

XVW-P30

- ▶ Extend the Coverage Area of an Existing Wi-Fi Network
- ▶ Create a Bridge to Connect Ethernet Devices to Your Network



Gigabit Power-over-Ethernet (PoE/PoE+) Injector

XPE-2500

- ▶ Supply Power to Your 802.3af/at PoE and PoE+ Enabled Devices, Such as IP Cameras, APs, Phones, etc.
- ▶ Deliver Data and Power Over a Single Ethernet Cable
- ▶ Simplify Your Installation



For a complete list of accessories, visit luxul.com or contact your Luxul representative.

SFP+ 10 Gigabit Stacking Cable

CAB-05SFP10G

- ▶ Use with Luxul Managed Switches with 10 Gigabit Ports
- ▶ Stack up to 16 Luxul Switches
- ▶ .5M Long



1000Base-SX MMF Mini GBIC Module

XSA-SFP1

- ▶ Extend the Distance of Connected Devices up to 550 Meters
- ▶ Multi-Mode Fiber Connectivity



10 Gigabit SFP+ MMF Mini GBIC Module

XSA-SFP10G

- ▶ Use with Luxul Managed Switches with 10 Gigabit Ports
- ▶ Multi-mode Mini GBIC module operates at 850nm
- ▶ Maximum transmission distance of 300 meters



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