



LUXUL

Product Guide

Free network design. Guaranteed WiFi coverage. Lifetime support.

The Best Choice for Your Smart Home Network

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

- Is engineered specifically to support smart home technology solutions that smoothly stream video for entertainment and security. Audio for pitch-perfect sound, and accurate data for diagnostics, alarms, and lighting control.
- Is built for professional installers who know how to configure an optimized network.
- 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 seamlessly roam your device between Access Points without dropping off the network.

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

3 YEAR WARRANTY

Remote management saves time and money

The system in your home is important to you. Your network is the foundation that all your phones, tablets, computers, cameras, automation systems, and Internet of Things rely on. So what connects you to the Internet, streams your movies, and controls all your devices. Having network problems, including losing connection to the Internet, can dramatically affect your life, your capacity to work, or ability to truly enjoy your time at home.

A remote management system can alert you in minutes to when a problem occurs. It then allows you to connect that problem right away often without having to schedule a service call, avoiding the peace of mind and no disruption to your daily schedule. Fortunately, the remote management ability does not only apply to your network equipment. It can extend to other devices on your network as well. And all of this can be done through the cloud securely, without endangering the security of your network.

Remotely... Monitor | Manage | Troubleshoot

LUXUL ProWatch

Customer Assurance Program

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 and register their project. If the network design doesn't perform or provide full coverage, we'll make it right at no additional cost.

Protection for your children while they use the Internet

Keep your children safe
Take control of screen time, and safeguard your children against harmful content with Bark. Our filters are blocking more and more sponsored to the Internet, which can pose a danger to them. Using Bark allows you to determine how much screen time your child has while preventing what content comes into your home and what doesn't.



bark

Manage Screen Time
Set screen access schedules that fit the needs of each person. For example, the user needs an emergency during the workday, or shut off mobile access to the Internet completely during dinner and bedtime.

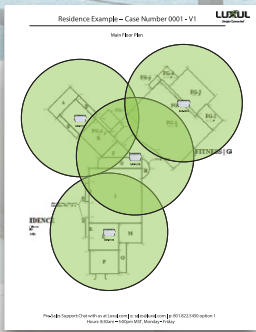
Filter Content
An extensive history of these include categories like Games, Social Media, and Offense. Control, as well as popular sites and apps like Facebook, Netflix, and Snapchat. Filters can be customized to your exact needs.

Track Browsing History
View web use and browsing history alongside IP and DNS logs. Have you got any of a suspicious log your network, even after you've cut them.

Residence Example - Case Number 001 - V1

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The Connected

Wired Floor Plan



IP
192.168.1.1
192.168.1.2
192.168.1.3

IP
192.168.1.1
192.168.1.2
192.168.1.3

IP
192.168.1.1
192.168.1.2
192.168.1.3

Proable Support Chat with us at live@luxul.com or [801.923.3490](tel:8019233490) option 1
Hours: 9:00am - 5:00pm M-F, Monday - Friday



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
- Quick and simple setup using Easy Setup App
- Physical node placement assistance for the best coverage

Specifications:

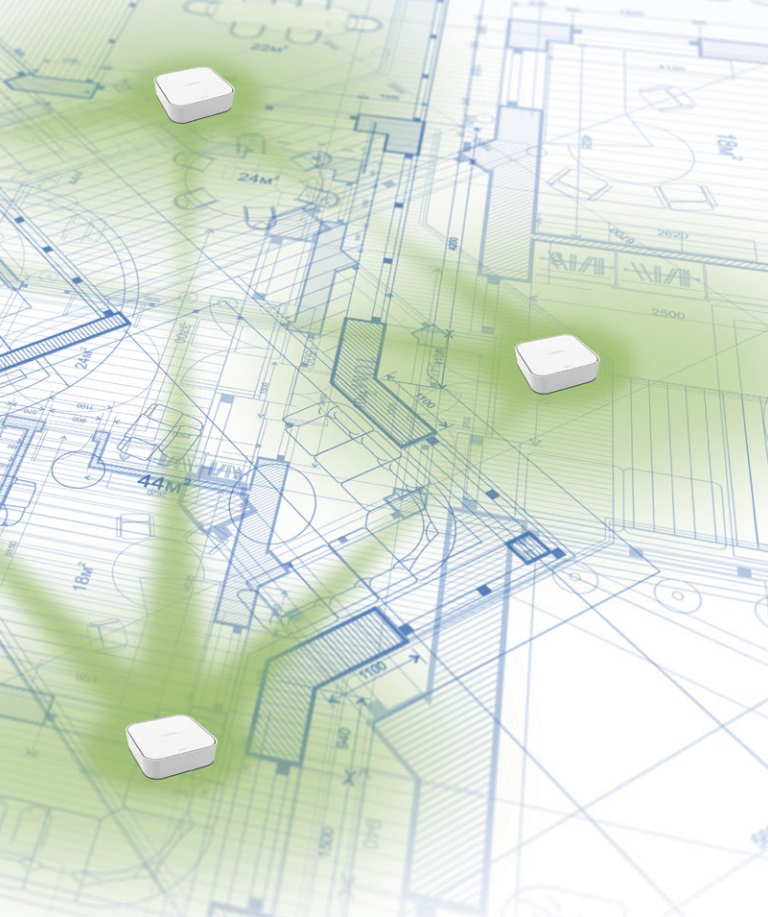
- Wave 2 MU-MIMO
- High capacity 5GHz (4x4) backhaul radio
- 2.4GHz and 5GHz (2x2) client connectivity radios
- Secure guest network

NEW Epic Wireless Mesh Kit

MK-10

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





NEW Epic Wireless Mesh Node

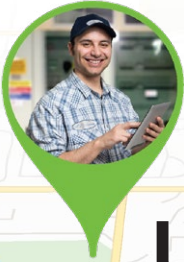
MN-10

- Can be used as Gigabit router, satellite, or additional node for expansion (can be configured as a Gigabit mesh router or mesh satellite node)



Remotely...

Monitor | Manage | Troubleshoot



Working...

LUXUL ProWatch™

Here!



Manage Your Luxul Networks... from Anywhere

With our new cloud management solution, you'll have access to your client's networks from anywhere at any time. Available through a web application as well as on Android and iOS smartphones and tablets, easily take advantage of all the benefits below and more:

- Reboot PoE and smart PDU connected devices
- Remote access to a device's local UI
- Automatically discover and monitor all devices on the network
- Receive alerts when devices go offline
- Remote firmware updates
- Easily view all your sites in either list or map view

ProWatch Descriptions

- **Luxul ProWatch+** extends ProWatch capabilities to non-ProWatch enabled products, including discovery and monitoring of all connected network devices.
- **Luxul ProWatch** enables products to provide device monitoring, alert notifications, firmware updates, and remote access and reboot.
- **Luxul ProWatch Integrated** allows additional control, management, and information through the ProWatch app.

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 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

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ProWatch+

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 Domotz remote management system*



Epic 4 - Gigabit Router

LUXUL
ProWatch+

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 Domotz remote management system*



Epic 4 - Gigabit Router

LUXUL
ProWatch+

XBR-4500

- 500-600Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN/WAN configurable ports
- Front-facing ports
- Built-in Domotz remote management system*



*Subscription fees may apply

bark

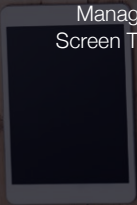


Bark (Router Limits)

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

*Subscription fees may apply

Luxul Easy Setup App

The Luxul Easy Setup App helps you be efficient on the job.

Set up a Luxul wireless router (XWR-1200, Epic 3, & Epic Mesh) and up to two additional access points at the same time in under two minutes, all from the convenience of your phone!



Wireless Routers

Luxul's line of 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

- 900-1000Mbps 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 Router Limits*
- Built-in Domotz remote management system*



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WAVE 2
4x4
MU-MIMU

Dual-Band Wireless AC1200 Router

XWR-1200

- 500-600Mbps 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 Router Limits*



*Subscription fees may apply

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.

Wireless Controller

XWC-2000

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



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Wireless Controller

XWC-1000

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



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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.

Wireless Router Kits

WS-260 WAVE 2 **4x4** MU-MIMO

- Epic 3 & XAP-1610
- ProWatch+

WS-250

- Epic 3 & XAP-1510
- ProWatch+

WS-80

- XWR-1200 & XAP-810



**FAST
ROAMING**
OR
**ACTIVE
ROAMING**

The decision is up to you...



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.

Wireless Controller System with 2 Access Points

XWS-2610

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

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WAVE 2
4x4
MU-MIMO



Wireless Controller System with 2 Access Points

XWS-2510

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

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Wireless Controller System with 2 Access Points

XWS-1810

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

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Indoor Apex™ 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.

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 and online gaming
- Ceiling or wall mount



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WAVE 2
4x4
MU-MIMO

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



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High-Powered 2X2 AC1200 Dual-Band Wireless AP

XAP-810

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



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Controller Compatible Outdoor APs

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

AC1200 Dual-Band Outdoor AP

XAP-1440

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

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Bridge + Range Extender

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

P-40

- 2X2 802.11ac
- 2.4GHz & 5GHz
- Plugs directly into wall outlet



Outdoor Bridging APs

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



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



Remote Monitoring and Management

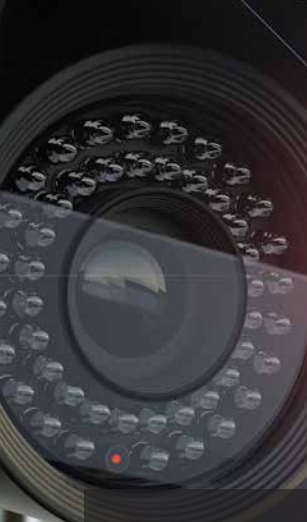
Domotz is a cloud-based remote monitoring and management platform that allows integrators and networking professionals to connect to their customers' networks from a browser and remotely monitor, manage, and configure devices connected to that network from anywhere.

Domotz Pro Remote Management Device

XRM-DTZ1

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





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.



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



AV over IP
engineered switches



IP video
optimized switches



PoE Auto-Recovery



PoE Power Scheduling

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

NEW AV Series 26-Port Gigabit Managed PoE+ Switch



LUXUL
ProWatch*

SW-610-24P-R

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



AV Series 26-Port Gigabit Managed PoE+ Switch



Luxul
ProWatch Integrated

AMS-2624P

- 24 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250W power budget)
- Variable speed fan



AV Series 18-Port Gigabit Managed PoE+ Switch



Luxul
ProWatch Integrated

AMS-1816P

- 16 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 16 PoE+ ports (185W power budget)
- Variable speed fan



AV Series 12-Port Gigabit Managed PoE+ Switch



Luxul
ProWatch Integrated

AMS-1208P

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



*Coming Soon

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.

NEW 52-Port Gigabit Managed PoE+ Switch



LUXUL
ProWatch*

SW-610-48P-F

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



NEW 52-Port Gigabit Managed PoE+ Switch



LUXUL
ProWatch*

SW-510-48P-F

- ProWatch compatible
- 48 Gigabit RJ-45 ports + four Gigabit SFP ports
- 48 PoE+ ports (740W power budget)
- Variable speed fan



26-Port Gigabit Managed PoE+ Switch



Luxul
ProWatch Integrated

XMS-2624P

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



12-Port Gigabit Managed PoE+ Switch



Luxul
ProWatch Integrated

XMS-1208P

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



*Coming Soon

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 access points, AV over IP devices, control panels and automation devices.

NEW 8 Port PoE+ Compact Switch

SW-100-08P

- 9 Gigabit Ethernet ports, 8 802.af/at PoE+ ports
- 92W PoE power budget
- Fanless for silent operation
- Keyholes or rubber feet for easy mounting options



NEW 4 Port PoE+ Compact Switch

SW-100-04P

- 5 Gigabit Ethernet ports, 4 802.af/at PoE+ ports
- 58W PoE power budget
- Fanless for silent operation
- Keyholes or rubber feet for easy mounting options



PoE+ Powered Switch

This switch lets you power an AV-over-IP 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.

NEW PoE+ Powered 5 Port Gigabit Compact Switch

SW-100-05PD

- Powered by PoE+ (30W) only
- 5 Gigabit Ethernet ports, 1 PoE+ (30W) input, 1 PoE (15W) output, 3 Gigabit Ethernet ports
- Fanless for silent operation
- Magnetic mounting kit and key-holed bracket



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

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



5-Port Mini Gigabit Switch

XGS-1005

- Five Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount
- Sold in quantities of 5



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.

PDU 2 - Intelligent Network Power Distribution Unit

Luxul
ProWatch Integrated

PDU-02*

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



PDU 8 - Intelligent Network Power Distribution Unit

Luxul
ProWatch Integrated

PDU-08*

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



PDU 16 - Intelligent Network Power Distribution Unit

Luxul
ProWatch Integrated

PDU-16*

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



* North American power cord only



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