

## XWS-2510

### WHAT THIS PRODUCT DOES:

The XWC-1000 Wireless Controller uses Luxul's exclusive Roam Assist™ technology to ensure seamless roaming of mobile client devices within wireless networks that utilize more than one Wireless Access Point (AP), while providing simple, centralized deployment of up to 16 Luxul APs through an easy-to-use setup wizard. With seamless roaming, installation simplicity and sensible pricing, the XWC-1000 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

The XWC-1000 is compatible with all Luxul standard-power APs, as well as the XAP-12xx and XAP-15xx series of high-power APs—allowing installers to mix and match APs to maximize the performance and budget of each project. The XWC-1000 is available standalone, or in kits complete with APs and PoE hardware.

- ▶ Seamlessly Roam Between Multiple Access Points
- ▶ Simply Configure up to 16 Luxul Access Points
- ▶ Create a Secure Guest Network

### FEATURES:

#### Controller:

- ▶ Seamless Client Roaming between Access Points
- ▶ Simple Central Control and Configuration of Luxul APs
- ▶ Secure Guest Networking
- ▶ Durable 1U Metal Enclosure for Rack Mount or Desktop Use

#### Access Point Features:

- ▶ High Output Power for Maximum Coverage
- ▶ Concurrent Dual-Band (2.4 GHz and 5GHz)
- ▶ Beamforming Technology Optimizes Wi-Fi Performance
- ▶ Data Transfers of up to 1900Mbps
- ▶ Three Year Limited Warranty

## Wireless Controller System with AC1900 Dual-Band Access Points



FOR TECHNICAL SPECIFICATIONS SEE XWC-1000 AND XAP-1510 SPEC SHEETS ON THE FOLLOWING PAGES

### Complete List of Compatible Luxul APs

- ▶ XAP-310
- ▶ XAP-1210
- ▶ XAP-1230
- ▶ XAP-1240
- ▶ XAP-1500
- ▶ XAP-1510

### Warranty:

- ▶ 3 Year Limited Warranty

### Minimum System Requirements

- ▶ Computer with Windows, Mac or Linux OS
- ▶ Ethernet Cable

### Package Contents

- ▶ One: XWC-1000 Wireless Controller
- ▶ One: Rack Mount Kit
- ▶ Two: XAP-1510 Access Points
- ▶ Two: PoE Injectors
- ▶ One: Power Cord

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## XWC-1000

### WHAT THIS PRODUCT DOES:

The XWC-1000 Wireless Controller uses Luxul's exclusive Roam Assist™ technology to ensure seamless roaming of mobile client devices within wireless networks that utilize more than one Wireless Access Point (AP), while providing simple, centralized deployment of up to 16 Luxul APs through an easy-to-use setup wizard. With seamless roaming, installation simplicity and sensible pricing, the XWC-1000 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

The XWC-1000 is compatible with a broad selection of Luxul APs, allowing installers to mix and match APs to maximize the performance and budget of each project. The XWC-1000 features rear panel port and front facing LEDs (user selectable blue/green colors) for clean integration with AV rack systems. The XWC-1000 is available standalone, or in kits complete with APs and PoE hardware.

### USE THE XWC-1000 TO:

- ▶ Seamlessly Roam Between Multiple Access Points
- ▶ Simply Configure up to 16 Luxul Access Points
- ▶ Cost-Effectively Deliver Centralized WLAN Configuration and Control

### FEATURES:

- ▶ Seamless Client Roaming between Access Points
- ▶ Simple Central Control and Configuration of Luxul APs
- ▶ Secure Guest Networking
- ▶ Supports up to 16 Wireless APs
- ▶ Cloud-based Controller and AP Updates
- ▶ Durable 1U Metal Enclosure for Rack Mount or Desktop Use

## Wireless Controller



### XWC-1000 TECHNICAL SPECIFICATIONS

#### Management Features

<b>Controller</b>	<ul style="list-style-type: none"> <li>▶ Simple Setup Wizard</li> <li>▶ Management via Web Interface</li> <li>▶ Cloud-based Firmware Updates</li> </ul>
<b>Access Point</b>	<ul style="list-style-type: none"> <li>▶ AP Provisioning</li> <li>▶ Supports up to 16 APs</li> <li>▶ Secure Guest Networks via VLAN</li> <li>▶ 802.1Q VLANs</li> <li>▶ WPA, WPA2 Security with TKIP, AES Encryption</li> </ul>

#### Hardware Features

<b>Interface</b>	One 10/100/1000M Port
<b>Button</b>	Reset button
<b>AV Series</b>	LEDs on the front, Port on the back
<b>Power</b>	Internal Switched Power AC 100-240V, 50/60Hz 0.3A
<b>Dimensions L xWxH in. (mm)</b>	11.6"(294) x 7"(178.8) x 1.75"(44.5)
<b>LEDs</b>	Power, System, Ethernet Activity
<b>Certifications</b>	FCC, CE, RoHS

#### Compatible Access Points

<b>High Power</b>	<ul style="list-style-type: none"> <li>▶ XAP-1510 AC1900 Dual-Band Wireless AP</li> <li>▶ XAP-1500 Dual-Band Wireless 900N Low Profile AP</li> <li>▶ XAP-1410 AC1200 Dual-Band Wireless AP</li> <li>▶ XAP-1240 Wireless 300N Outdoor AP</li> <li>▶ XAP-1230 Wireless 300N Commercial Grade AP</li> <li>▶ XAP-1210 Wireless 300N Low Profile AP</li> </ul>
<b>Standard Power</b>	XAP-310 Wireless 300N Low Profile AP

#### Warranty:

- ▶ 3 Year Limited Warranty

#### Minimum System Requirements

- ▶ Web Browser
- ▶ Ethernet Cable
- ▶ Internet Connection to View Documentation Online

#### Package Contents

- ▶ One: XWC-1000 Wireless Controller
- ▶ One: Rack Mount Kit
- ▶ One: Power Cord
- ▶ One: Quick Install Guide

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## XAP-1510

### WHAT THIS PRODUCT DOES:

The XAP-1510 combines leading-edge 802.11ac technology with high output power to deliver outstanding dual-band Wi-Fi performance. The sleek design allows for unobtrusive mounting on a ceiling, wall or other flat surface—making it a great choice for maximizing coverage in both Residential and Commercial environments. It is compatible with the XWC-1000 Wireless Controller and can be used standalone or as part of a multi-AP deployment. Installation is simple, requiring only a single Ethernet cable that delivers both power and data through the integrated PoE+ port.

- ▶ High Performance 802.11ac Wi-Fi (up to 1900Mbps)
- ▶ Concurrent Dual-Band with Beamforming
- ▶ Compatible with XWC-1000 Wireless Controller
- ▶ Great for Streaming Media and Other Demanding Applications
- ▶ Secure Guest Networking
- ▶ Simple and Discreet Installation

### FEATURES:

- ▶ High Output Power for Maximum Coverage
- ▶ Beamforming for Optimal Wi-Fi Performance
- ▶ Data Transfers of up to 1900Mbps
- ▶ Concurrent Dual-Band
- ▶ Compatible with the Luxul XWC-1000 Wireless Controller
- ▶ VLAN Support for Creating a Secure Guest Network
- ▶ Up to 4 SSIDs per Band for a total of 8 SSIDs
- ▶ Single Cable Installation with PoE (Injector included)
- ▶ Installs on Ceiling or Wall; Or Use as a Desktop AP
- ▶ Three Year Limited Warranty

## High Power AC1900 Dual-Band Wireless AP



### XAP-1510 TECHNICAL SPECIFICATIONS

Hardware Features	
<b>Standards Compliance</b>	IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at
<b>Interface</b>	Two 10/100/1000M Ports
<b>Antenna</b>	Three Dual-Band Antennas
<b>Button</b>	Reset button
<b>Power</b>	PoE (Injector Included)
<b>Power Consumption</b>	10W Idle 25.3W Peak
<b>Environment Temperatures</b>	0-50C°
<b>Dimensions WxHxD in. (mm)</b>	7.25"x7.25"x2" (184.15 x184.15 x50.8)
<b>Weight lbs (kg)</b>	1.5 (.68)
<b>LEDs</b>	Power, 2.4GHz, 5GHz (Can be turned Off/On Via User Interface)
Wireless and Other Features	
<b>Frequency</b>	Concurrent 2.4GHz and 5GHz with Beamforming
<b>Wireless Speed</b>	<ul style="list-style-type: none"> <li>▶ 2.4GHz: 600Mbps;</li> <li>▶ 5GHz: 1.3Gbps</li> </ul>
<b>Wireless Security</b>	WPA-PSK, WPA2-PSK, WPA/WPA2
<b>Operating Modes</b>	Wireless AP
<b>Other Functions and Features</b>	<ul style="list-style-type: none"> <li>▶ Remote Web Management</li> <li>▶ System Logging</li> <li>▶ Backup &amp; Restore Configurations</li> <li>▶ VLAN/Guest Network Support</li> <li>▶ Up to 4 SSIDs per Band for a total of 8 SSIDs</li> <li>▶ Firmware Upgradeable via UI</li> <li>▶ XWC-1000 Wireless Controller Compatible</li> </ul>
<b>Certifications</b>	CE, FCC, RoHS

### Warranty:

- ▶ Three Year Limited Warranty

### Minimum Requirements

- ▶ Web Browser
- ▶ Ethernet Cable
- ▶ Internet Connection to View Documentation Online

### Package Contents

- ▶ One: High Power AC1900 Dual-Band AP
- ▶ One: Mounting Bracket and Hardware
- ▶ One: PoE Injector and Power Adapter
- ▶ One: Quick Install Guide

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