

XWS-1810

WHAT THIS PRODUCT DOES:

The Luxul XWS-1810 Wireless Controller Kit includes: one XWC-1000 Wireless Controller, two XAP-810 AC1200 access points, and two PoE Injectors. The XWC-1000 Wireless Controller solves client roaming with Roam Assist™ and offers a simple multi-AP wireless network setup. The XAP-810 access point allows for unobtrusive mounting while offering 802.11ac 2x2 dual-band technology and 5 GHz beamforming. With roaming solved, simple installation, and efficient access points, the XWS-1810 is purpose-built to meet the needs of the residential and light commercial custom installation professional.

FEATURES:

Controller:

- ▶ Roaming solved between Access Points with Roam Assist™
- ▶ Simple central control and configuration of Luxul APs
- ▶ Secure guest networking
- ▶ Durable 1U Metal Enclosure for Rack Mount or Desktop Use

Compatible Access Points:

- | | |
|------------|------------|
| ▶ XAP-1510 | ▶ XAP-310 |
| ▶ XAP-1410 | ▶ XAP-1210 |
| ▶ XAP-1240 | ▶ XAP-1500 |
| ▶ XAP-1230 | ▶ XAP-810 |
| ▶ XAP-1440 | |

Access Point Features:

- ▶ 802.11ac 2x2 MIMO
- ▶ Up to 4 SSIDs per band (8 total)
- ▶ Single cable installation with PoE
- ▶ Low Profile Design that Installs Easily on Ceiling, Wall or Other Flat Surface

Wireless Controller System with Standard-Power XAP-810 Access Points



TECHNICAL SPECIFICATIONS

XWC-1000 Management Features

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

Controller Hardware Features

Interface	One 10/100/1000M Port
AV Series	LEDs on the front, Port on the back of controller
Power	Internal Switched Power AC 100-240V, 50/60Hz 0.3A
Max Power Consumption	8.6W
Dimensions LxWxH in. (mm)	8.75"(222.3) x 5.25"(133.4) x 1.75"(44.5)
Weight lbs (kg)	1.55 (.72)
LEDs	Power, System, Ethernet Activity
Certifications	FCC, CE, RoHS

XAP-810 Hardware Features

Standards Compliance	IEEE, 802.11b/g/n, 802.11a/n/ac, 802.3at
Interface	One 10/100/1000M Ports
Antenna	Two Dual-Band Antennas
Power	PoE (Injector Included)
Power Consumption	12W Avg
Max Power Consumption	17W
Operating Temperatures	0-50°C
Dimensions WxHxD in. (mm)	6.25"x6.25"x1.75" (158.75 x158.75 x44.45)
Weight lbs (kg)	.95 (.44)
LEDs	Power, 2.4GHz, 5GHz (Can be turned Off/On Via User Interface)
Frequency	Concurrent 2.4GHz and 5GHz
Wireless Speed	<ul style="list-style-type: none"> ▶ 2.4GHz: 300Mbps; ▶ 5GHz: 866Mbps
Wireless Security	WPA-PSK, WPA2-PSK, WPA/WPA2

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

Warranty:

- ▶ 3-year limited warranty

Minimum Requirements

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

Package Contents

- ▶ XWC-1000 Wireless Controller
- ▶ Rack mount kit
- ▶ Rubber feet
- ▶ Power cord
- ▶ XAP-810 access points (2)
- ▶ PoE injector (2)