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Overview

Ideal for long-range deployments, the UniFi AC LR AP offers simultaneous, dual-band operation with 3x3 MIMO in the 2.4 GHz band and 2x2 MIMO in the 5 GHz band. The innovative antenna design provides a long-range, symmetrical-link coverage area, and the antenna gain of the UniFi AC LR AP performs better than one-way, high transmit power does for connecting distant clients. It is available in single- and five-packs.

Quick Specs

Table 1 shows the Quick Specs.

SKU	UAP-AC-LR
Dimensions	175.7 X 175.7 X 43.2 MM (6.92 X 6.92 X 1.70")
Networking interface	(1) 10/100/1000 ETHERNET PORT
Ports	NO
Buttons	RESET
Wi-fi standards	802.11 A/B/G/N/AC
Power method	PASSIVE POWER OVER ETHERNET (24V), (PAIRS 4, 5+; 7, 8 RETURN)
Power supply	24V, 0.5A GIGABIT POE ADAPTER
Maximum power consumption	6.5W
Max tx power	24 DBM

Product Details

UAP-AC-LR shows the following features:

- (1) Simultaneous Dual-Band Operation
- (2) 5 GHz Band with Speeds of up to 867 Mbps
- (3) 2.4 GHz Band with Speeds of up to 450 Mbps
- (4) Range up to 183 meters (600 feet)

Table 2 shows the supported switches.

Product Name	Details
US-8	UBNT UniFi US-8 Enterprise PoE 8-Port Managed PoE Gigabit Switch
US-8-60W	UBNT US-8-60W UniFi 8-Port Gigabit PoE Compliant Managed Switch, Enterprise
US-8-150W	UBNT UniFi US-8-150W Enterprise PoE 8-Port Managed PoE Gigabit Switch
US-16-150W	UBNT UniFi US-16-150W Enterprise PoE 16-Port Managed PoE Gigabit Switch
US-24	UBNT US-24 UniFi 24-Port Gigabit PoE Compliant Managed Switch, Enterprise
US-24-250W	UBNT UniFi US-24-250W Enterprise PoE 24-Port Managed PoE Gigabit Switch

Compare to Similar Items

Table 3 shows the comparison.

Product Name	UAP-AC-LR	UAP-AC-LITE	UAP-AC-IW with Gigabit PoE Power Supply

Dimensions	175.7 x 43.2 mm	160 x 31.45 mm	139.7 x 86.7 mm
Environment	Indoor	Indoor	Indoor
2.4 GHz Radio Rate	450 Mbps	300 Mbps	300 Mbps
5 GHz Radio Rate	867 Mbps	867 Mbps	867 Mbps
PoE Mode	802.3af/A PoE & 24V PoE	802.3af/A PoE & 24V PoE	802.3at PoE+
Ports	(1)10/100/1000 Ethernet	(1)10/100/1000 Ethernet	(3)10/100/1000 Ethernet

Get More Information

Do you have any question about the UAP-AC-LR?

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Specification

UAP-AC-LR Specification	
Dimensions	175.7 X 175.7 X 43.2 MM (6.92 X 6.92 X 1.70")
Networking interface	(1) 10/100/1000 ETHERNET PORT
Ports	NO
Buttons	RESET
Antennas	(1) DUAL-BAND ANTENNA, TRI-POLARITY, 2.4 GHZ: 3 DBI, 5 GHZ: 3 DBI
Wi-fi standards	802.11 A/B/G/N/AC
Power method	PASSIVE POWER OVER ETHERNET (24V), (PAIRS 4, 5+; 7, 8 RETURN)
Power supply	24V, 0.5A GIGABIT POE ADAPTER
Maximum power consumption	6.5W
Max tx power	24 DBM
Bssid	UP TO FOUR PER RADIO
Power save	SUPPORTED
Wireless security	WEP, WPA-PSK, WPA-ENTERPRISE (WPA/WPA2, TKIP/AES)
Certifications	CE, FCC, IC
Mounting	WALL/CEILING (KITS INCLUDED)
Operating temperature	-10 TO 70° C (14 TO 158° F)
Operating humidity	5 TO 95% NONCONDENSING
ADVANCED TRAFFIC MANAGEMENT	
Vlan	802.1Q
Advanced qos	PER-USER RATE LIMITING
Guest traffic isolation	SUPPORTED
Wmm	VOICE, VIDEO, BEST EFFORT, AND BACKGROUND

Concurrent clients	200+
SUPPORTED DATA RATES (MBPS)	
802.11a	6, 9, 12, 18, 24, 36, 48, 54 MBPS
802.11n	6.5 MBPS TO 450 MBPS (MCS0 - MCS23, HT 20/40)
802.11ac	6.5 MBPS TO 867 MBPS (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11b	1, 2, 5.5, 11 MBPS
802.11g	6, 9, 12, 18, 24, 36, 48, 54 MBPS

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200+

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