

Item no.: LAP-120

## LAP-120 - 5 GHz airMAX AC AP, 16 dBi, 120° (formerly LBE-5AC-16-120)

from **80,64 EUR**

Item no.: LAP-120  
shipping weight: 1.10 kg  
Manufacturer: Ubiquiti



### Product Description

LAP-120 - 5 GHz airMAX AC AP, 16 dBi, 120° (formerly LBE-5AC-16-120)

The LiteBeam(TM) is the latest evolution of a lightweight and compact, outdoor wireless broadband product from . Each of these models was designed to be an affordable cost/performance solution for long-distance, wireless broadband bridging. It operates in the worldwide, license-free 5 GHz frequency range with high-performance speeds. The LiteBeam combines proprietary hardware and software technologies to deliver its breakthrough combination of throughput and range with cost-effective value. The InnerFeed technology integrates the entire radio system into the antenna feed, and our revolutionary airMAX TDMA protocol enhances network performance and scalability. [Integrated airMAX Technology](#)

Unlike standard Wi-Fi protocol, the exclusive airMAX Time Division Multiple Access (TDMA) protocol allows each client to send and receive data using pre-designated time slots managed by an intelligent AP controller. This time slot method eliminates hidden node collisions and maximizes airtime efficiency. Compared to other systems in its class, the LiteBeam products deliver superior performance in reduced latency, throughput, and scalability.

- Intelligent QoS: Priority is given to voice/video for seamless access.
- Scalability: High capacity and scalability.
- Long Distance: Capable of high-speed, 30+ km links.

### Physical / Electrical / Environmental

- Dimensions (no mount): 452.3 x 78.7 x 54.4 mm (17.81 x 3.10 x 2.14")
- Weight (no mount): 420 g (14.82 oz)
- Wind survivability: 200 km/h (125 mph)
- Wind loading: 77 N (at) 200 km/h (17.3 lbf (at) 125 mph)
- Mounting kit: Pole mounting kit (included)
- Max. power consumption: 7 W
- Power supply: 24 V, 0.5 A Gigabit PoE adapter (included)
- Power method: Passive PoE (pairs 4, 5+; 7, 8 return)
- Operating temperature: -40°C to 70°C (-40°C to 158°F)
- Operating humidity: 5 to 95% non-condensing
- Shock and vibration: ETSI300-019-1.4
- ETSI specification: EN 302 326 DN2
- ESD/EMP protection: +/- 24 kV contact/air
- Wireless approvals: FCC, IC, CE
- RoHS compliance: Yes

### System Information

- Processor specs: MIPS 74K
- Memory: 64 MB
- Networking interface: (1) 10/100/1000 Ethernet port

### Antenna Information

- Operating frequency:
  - Worldwide: 5150 - 5875 MHz
  - USA: 5725 - 5850 MHz
- Output power: 25 dBm
- Gain: 16 dBi
- Max. VSWR: 1.5:1

## Specifications

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