

# Ubiquiti Ubiquiti Networks LBE-M5-23 - LiteBeam M5, 23 dBi, 5 GHz

**UB-LITEBEAM-M5-23**  
**EAN 0810354022326**



The LBE-M5-23 is the latest evolution of a lightweight and compact, outdoor wireless broadband CPE (Customer Premises Equipment) from Ubiquiti Networks. The LBE-M5-23 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 and features high performance of up to 100+ Mbps in real outdoor throughput and an incredible range of up to 30+ km. The LBE-M5-23 combines proprietary hardware and software technologies to deliver its breakthrough combination of throughput and range with cost-effective value. Its InnerFeed technology integrates the entire radio system into the feedhorn of the antenna, and our revolutionary airMAX TDMA protocol enhances network performance and scalability. The LBE-M5-23 also features a unique ball joint mounting system that provides 3-axis adjustment flexibility for versatile mounting options. The mounting system, coupled with the built-in bubble level, enables quick and easy alignment. Integrated airMAX Technology: Unlike standard Wi-Fi protocol, the exclusive Ubiquiti Networks 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 LBE-M5-23 delivers 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. Quick Snap-and-Lock Assembly: The all-new mechanical design makes assembling and disassembling the LBE-M5-23 - literally - a snap. No tools are required. Specifications: Physical / Electrical / Environmental Dimensions: 362 x 267 x 184 mm (14.25 x 10.51 x 7.24") Weight: 750 g (24.11 oz) Wind Survivability: 200 km/h (125 mph) Wind Loading: 176.86 N @ 200 km/h (39.76 lbf @ 125 mph) Enclosure Characteristics: Outdoor UV Stabilized Plastic Mounting Kit: Pole Mounting Kit (included) Max. Power Consumption: 4W Power Supply: 24 V, 0.2 A PoE Adapter (included) Power Method: Passive Power over Ethernet (Pairs 4, 5+; 7, 8 Return) Operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Humidity: 5 to 95% non-condensing Shock and Vibration: ETSI300-019-1.4 ETSI Specification: EN 302 326 DN2 System Information: Processor Specs: MIPS 74K Memory: 64 MB Networking Interface: (1) 10/100 Ethernet Port Regulatory / Compliance Information: Wireless Approvals: FCC, IC, CE RoHS Compliance: Yes Antenna Information: Operating Frequency Worldwide: 5150 - 5875 MHz USA: 5725 - 5850 MHz Output Power: 25 dBm Gain: 16 dBi Max. VSWR: 1.5:1

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	1.20	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.75	0.00	0.00	0.00	0.00

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**More images:**

