Device Bridge Pro

SL-UDB-Pro

WIRELESS ACCESS POINT

5 GHz wireless bridge with PoE output that connects at 5+ km distances or seamlessly uplinks to WiFi.









OVERVIEW

Dimensions	ø189.5 × 64.3 mm (ø7.4 × 2.5")
WiFi Standard	WiFi 5
Spatial Streams	2
Coverage Area	5 km (3.1 mi)
Mounting Locations	Wall, pole
Mounting	Pole (Included)
Weatherproofing	IPX6
Power Method	PoE PoE+ (Required for PoE output)
Power Supply	48V, 0.32A PoE adapter (Included)

PERFORMANCE

MIMO

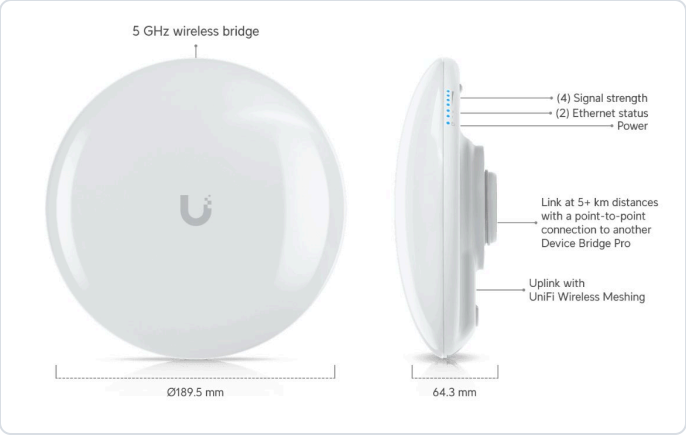
5 GHz	2 × 2
Max. Data Rate	
5 GHz	867 Mbps (BW80)
Antenna Gain	
5 GHz	19 dBi
Max. TX Power	
5 GHz	25 dBm
Max. Conducted TX Power	25 dBm (Combined)
Supported Data Rates	
802.11ac (WiFi 5)	6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
Wireless Security	WPA2 AES

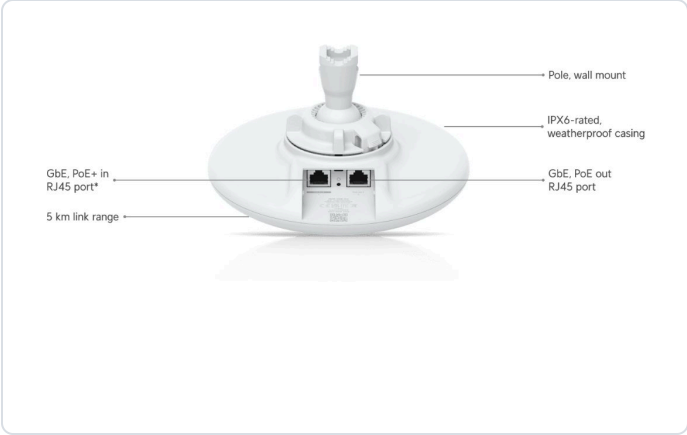
HARDWARE

Max. Power Consumption	9W
Supported Voltage Range	42.5–57V DC
Networking Interface	(2) GbE RJ45 ports
Antennas	Internal
Management	(1) PoE in (PoE output not used) (1) Passive PoE output
Channel Bandwidth	20/40/80 (MHz)
Wind Loading	69 N at 200 km/h (15.5 lbf at 125 mph)
Weight	Device: 431 g (0.95 lb) With mount: 515 g (1.1 lb)
Enclosure Material	UV-resistant polycarbonate
Mount Material	UV-stabilized polycarbonate, stainless steel
Pole Mount Diameter	0.8–2.1" (20–53.1 mm)
Button	(1) Factory reset
LEDs	
System	Power, (2) Ethernet status - main port/PoE out port, (4) signal strength
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC

Operating Frequency	US/CA: U-NII-1 5150 - 5250 MHz U-NII-2A 5250 - 5350 MHz U-NII-2C 5470 - 5725 MHz U-NII-3 5725 - 5850 MHz Worldwide: 5150 - 5875 MHz *For worldwide, it depends on the regulatory region*
Ambient Operating Temperature	-40 to 60° C (-40 to 140° F)
Ambient Operating Humidity	5 to 95% noncondensing

PRODUCT DRAWINGS





Prepared by Smart Life, LLC. Specifications and product images are provided by the manufacturer as of October 27, 2026 and are subject to change without notice. Product names are trademarks of their respective owners.