

Product:

UDB-PRO

Overview

Dimensions	Ø189.5 x 64.3 mm (Ø7.4 x 2.5")
WiFi Standard	WiFi 5
Spatial Streams	2
Coverage Area	5 km (3.1 mi)
Mounting Locations	Wall, pole
Weatherproofing	IPX6
Power Method	PoE PoE+ (Required for PoE output)

Performance

Max. Conducted TX Power	25 dBm (Combined)
Wireless Security	WPA2 AES (Always On)
MIMO	
5 GHz	2 x 2
Max. Data Rate	
5 GHz	867 Mbps (BW80)
Antenna Gain	
5 GHz	19 dBi
Max. TX Power	
5 GHz	25 dBm

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)

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
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)
Mount Material	UV-stabilized polycarbonate, stainless steel
Enclosure Material	UV-resistant polycarbonate
Pole Mount Diameter	0.8–2.1" (20–53.1 mm)
Button	(1) Factory-reset
Channel Bandwidth	20/40/80 (MHz)
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
Ambient Operating Temperature	-40 to 60° C (-40 to 140° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓
LEDs	
System	Power, Ethernet, (4) signal strength



Datasheet

5 GHz wireless bridge



Link at 5+ km distances
with a point-to-point
connection to another
Device Bridge Pro

Uplink with
UniFi WiFi Auto-Link



