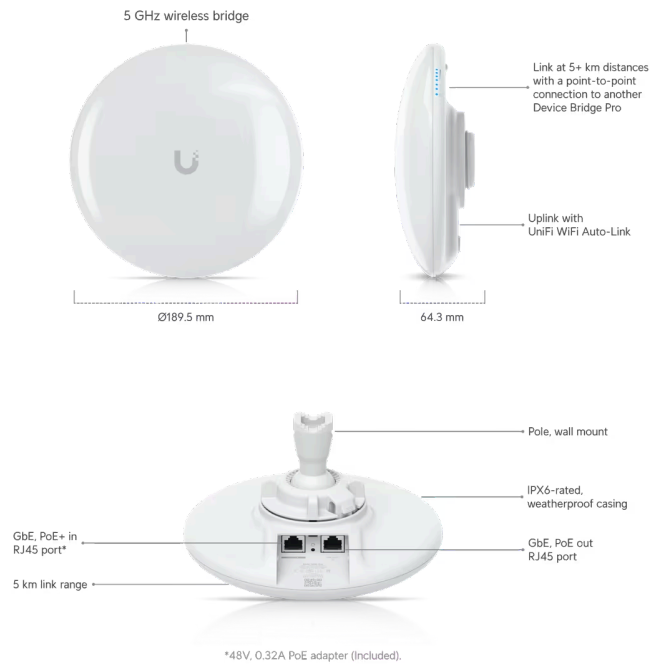




# Device Bridge Pro

## UBD-PRO



## Mechanical

<b>Dimensions</b>	Ø189.5 x 64.3 mm (Ø7.4 x 2.5")
<b>Weight</b>	Without mount: 431 g (1 lb) With mount: 515 g (1.1 lb)
<b>Enclosure material</b>	UV-resistant polycarbonate
<b>Mount material</b>	UV-stabilized polycarbonate, stainless steel
<b>Pole mount diameter</b>	20–53.1 mm (0.8–2.1") on pipe outer diameter
<b>Wind loading</b>	69 N at 200 km/h (15.5 lbf at 125 mph)
<b>Weatherproofing</b>	IPX6

## Hardware

<b>Networking interface</b>	(2) GbE RJ45 ports
<b>Management interface</b>	Ethernet WiFi
<b>PoE interface</b>	(1) PoE in (PoE output not used) (1) Passive PoE output

<b>Power method</b>	PoE PoE+ (Required for PoE output)
<b>Power supply</b>	UniFi PoE switch 48V, 0.32A PoE adapter (Included)
<b>Supported volatage range</b>	42.5-57V DC
<b>Max. power consumption</b>	9W
<b>Max. TX power</b>	
2.4 GHz	-
5 GHz	25 dBm
6 GHz	-
<b>Max. data rate</b>	
2.4 GHz	-
5 GHz	867 Mbps (BW80)
6 GHz	-
<b>MIMO</b>	
2.4 GHz	-
5 GHz	2 x 2
6 GHz	-
<b>Antenna gain</b>	
2.4 GHz	-
5 GHz	19 dBi
6 GHz	-
<b>Antenna</b>	Internal
<b>Range</b>	5+ km
<b>LEDs</b>	Power, Ethernet, (4) signal strength
<b>Button</b>	Factory reset
<b>Mounting</b>	Pole (Included)
<b>Ambient operating temperature</b>	-40 to 60° C (-40 to 140° F)
<b>Ambient operating humidity</b>	5 to 95% noncondensing
<b>Certifications</b>	CE, FCC, IC

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## Software

<b>WiFi standards</b>	802.11a/n/ac
<b>Wireless security</b>	WPA2 AES (Always On)

<b>Operating frequency*</b>	
<b>US/CA</b>	U-NII-1 5150 - 5250 MHz U-NII-2A 5250 - 5350 MHz U-NII-2C 5470 - 5725 MHz U-NII-3 5725 - 5850 MHz
<b>Worldwide</b>	5150 - 5875 MHz *Depends on regulatory region.
<b>Channel bandwidth</b>	20/40/80 MHz
<b>Max. conducted TX power</b>	25 dBm (Combined)
<b>Modulation</b>	BPSK ( $\frac{1}{2}$ ), QPSK ( $\frac{1}{2}$ ), QPSK ( $\frac{3}{4}$ ), 16QAM ( $\frac{1}{2}$ ), 16QAM ( $\frac{3}{4}$ ), 64QAM ( $\frac{2}{3}$ ), 64QAM ( $\frac{3}{4}$ ), 64QAM ( $\frac{5}{6}$ ), 256QAM ( $\frac{3}{4}$ ), 256QAM ( $\frac{5}{6}$ )