



Bridging > Device Bridge IoT

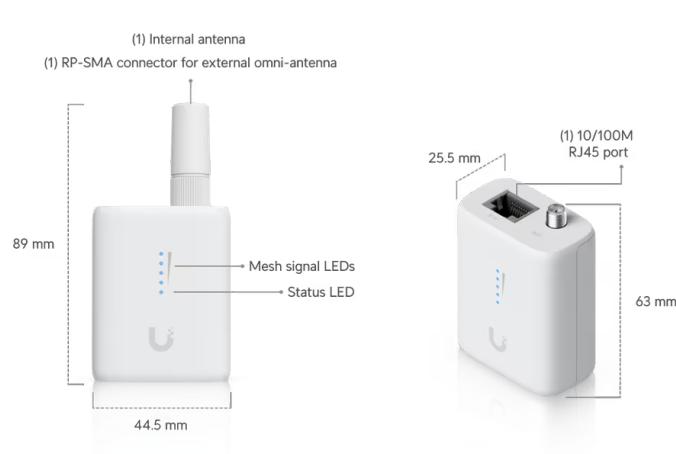


Device Bridge IoT

UDB-IoT

[Datasheet](#) [In The Box](#) [Marketing Images](#) [Installation Guide](#)

Overview



Dimensions

Device: 63 x 44.5 x 25.5 mm
(2.5 x 1.8 x 1")
With external antenna: 89 x 44.5 x 25.5 mm
(3.5 x 1.8 x 1")

WiFi Standard

WiFi 4

Spatial Streams

2

Mounting Locations

Wall, DIN rail

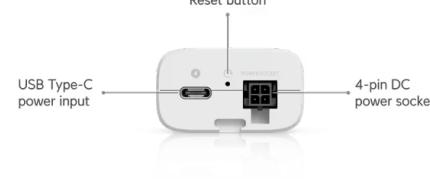
Mounting

Included mount

Power Method

USB Type-C (5V DC, 1A)
4-pin DC (9-30V DC)

Performance



MIMO

2 x 2

Max. Data Rate

300 Mbps (BW40)

Antenna Gain

Internal: 4dBi
External omni: 3dBi

Max. TX Power

20 dBm

Max. Conducted TX Power

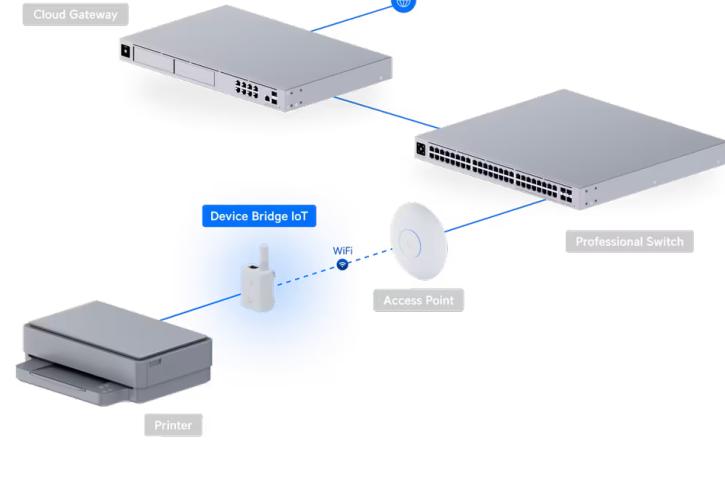
20 dBm (Combined)

Supported Data Rates

6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

Wireless Security

WPA2 AES (Always On)



Hardware

Max. Power Consumption

2.3W

Supported Voltage Range

USB-C: 5V DC
Socket: 9-30V DC

Networking Interface

(1) 10/100M RJ45 port

Antennas

(1) Internal antenna
(1) RP-SMA connector for external omni-antenna

Management

WiFi

Channel Bandwidth

20/40 MHz

Weight

Device: 45 g (1.6 oz)
With external antenna: 53 g (1.9 oz)

Enclosure Material

Polycarbonate

Mount Material

Polycarbonate

Button

(1) Factory reset

LEDs

System

(4) Blue: signal
(1) White/blue: indicator

NDAA Compliant

✓

Certifications

CE, FCC, IC

Ambient Operating Temperature

-10 to 50° C (14 to 140° F)

Ambient Operating Humidity

5 to 95% noncondensing

Company

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Case Studies

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