Device Bridge IoT

SL-UDB-IoT

WIRELESS ACCESS POINT

Ultra-compact wireless bridge for IoT devices with integrated WiFi Auto-Link, versatile mounting options, and powered by USB Type-C or 4-pin DC socket.









OVERVIEW

Dimensions	Device: 63 × 44.5 × 25.5 mm (2.5 × 1.8 × 1") With external antenna: 89 × 44.5 × 25.5 mm (3.5 × 1.8 × 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	
2.4 GHz	2 × 2
Max. Data Rate	

2.4 GHz	300 Mbps (BW40)
Antenna Gain	
2.4 GHz	Internal: 4dBi External omni: 3dBi
Max. TX Power	
2.4 GHz	20 dBm
Max. Conducted TX Power	20 dBm (Combined)
Supported Data Rates	
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
Wireless Security	WPA2 AES (Always On)

HARDWARE

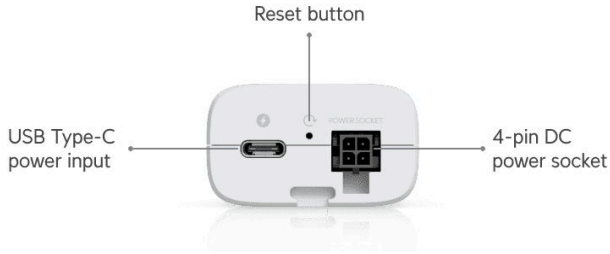
Max. Power Consumption	2.3W
Supported Voltage Range	USB-C: 5V DC Socket: 9–30V DC
Networking Interface	(1) 10/100M RJ45 port
Antennas	(1) Internal antenna (1) RP-SMA connector for external omni-antenna
Management	WiFi
Channel Bandwidth	20/40 MHz
Weight	Device: 45 g (1.6 oz) With external antenna: 53 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	✓ Yes
Certifications	CE, FCC, IC
Ambient Operating Temperature	-10 to 50° C (14 to 122° F)
Ambient Operating Humidity	5 to 95% noncondensing

SOFTWARE

Application Requirements	
Network application	Version 10.2 and later

PRODUCT DRAWINGS





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