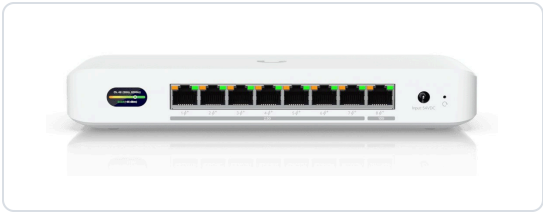
Device Bridge Switch

SL-UDB-Switch

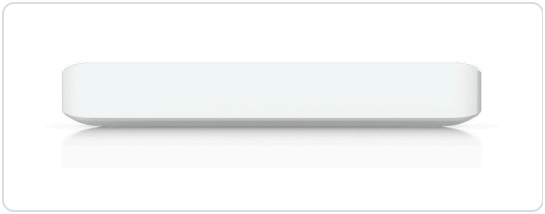
WIRELESS ACCESS POINT

Compact PoE+ switch* with (1) 10 GbE port, (7) 2.5 GbE ports, and 6 GHz-ready WiFi 7 bridging integration for seamless, high-capacity wireless uplink to WiFi.









OVERVIEW

Dimensions	212.9 × 113 × 32.5 mm (8.4 × 4.4 × 1.3")
WiFi Standard	WiFi 7
Spatial Streams	4
Mounting Locations	Desktop, wall
Power Method	DC jack (54V DC/1.1A)
Power Supply	54V DC/1.1A (Adapter included)

PERFORMANCE

MIMO	
6 GHz	2 × 2
5 GHz	2 × 2
Max. Data Rate	
6 GHz	5.8 Gbps (BW320)

5 GHz	4.3 Gbps (BW240)
Antenna Gain	
6 GHz	8 dBi
5 GHz	8 dBi
Max. TX Power	
6 GHz	23 dBm
5 GHz	26 dBm
Max. Conducted TX Power	26 dBm (Combined)
Supported Data Rates	
802.11be (WiFi 7)	6 GHz: 7.3 Mbps to 5.8 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/320) 5 GHz: 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
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	WPA3 SAE (Always On)

HARDWARE

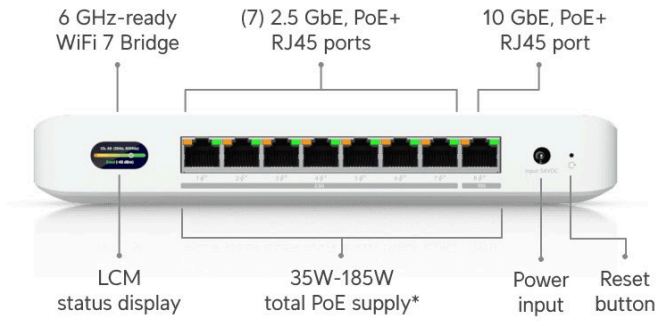
Max. Power Consumption	25W (Excluding PoE output)
Supported Voltage Range	42.5–57V DC
Networking Interface	(1) 10 GbE RJ45 port (7) 2.5 GbE RJ45 ports
PoE Interface	(8) PoE+ ports
Max. PoE Wattage per Port	30W
Total PoE Availability	60W AC adapter input: 35W 210W AC adapter input: 185W
Antennas	(1) Internal
Management	Ethernet WiFi
Channel Bandwidth	20/40/80/160/240/320 MHz
Weight	Device: 548 g (1.21 lb) With mount: 563 g (1.24 lb)
Enclosure Material	Polycarbonate
Mount Material	Polycarbonate
LCM Display	0.96" status display

Button	(1) Factory reset
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC
Operating Frequency	Worldwide: 5150—5875 MHz 5945—7125 MHz
Ambient Operating Temperature	-30 to 40° C (-22 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing

SOFTWARE

Application Requirements	
Network application	Version 10.0.156 or later.

PRODUCT DRAWINGS





*35W of PoE power with the included 60W adapter, or up to 185W with the optional 210W adapter.

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.