



Bridging > Device Bridge Switch



# Device Bridge Switch

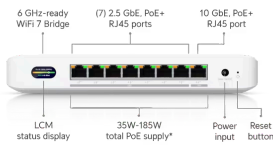
UDB-Switch

Datasheet

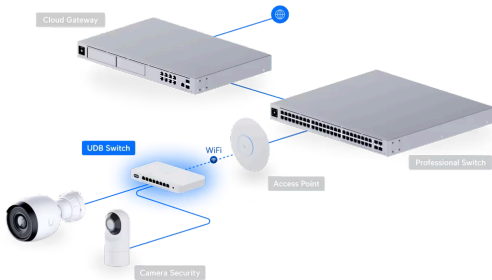
In The Box

Marketing Images

Installation Guide



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



## Overview

|                    |  |
|--------------------|--|
| Dimensions         | 212.9 x 113 x 32.5 mm (8.4 x 4.4 x 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                    | 2 x 2  |
| 6 GHz                   | 2 x 2  |
| 5 GHz                   | 2 x 2  |
| Max. Data Rate          | 5.8 Gbps (BW320)   |
| 6 GHz                   | 4.3 Gbps (BW240)   |
| 5 GHz                   |  |
| Antenna Gain            | 8 dBi  |
| 6 GHz                   | 8 dBi  |
| 5 GHz                   |  |
| Max. TX Power           | 23 dBm   |
| 6 GHz                   | 26 dBm   |
| 5 GHz                   |  |
| 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)<br>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<br>(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<br>210W AC adapter input: 185W |
| Antennas                      | (1) Internal   |
| Management                    | Ethernet<br>WiFi   |
| Channel Bandwidth             | 20/40/80/160/240/320 MHz                                 |
| Weight                        | Device: 548 g (1.21 lb)<br>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                | ✓  |
| Certifications                | CE, FCC, IC  |
| Operating Frequency           | Worldwide:<br>5150—5875 MHz<br>5945—7125 MHz             |
| Ambient Operating Temperature | -30 to 40° C (-22 to 104° F)                             |
| Ambient Operating Humidity    | 5 to 95% noncondensing                                   |

#### ^ Software

|                          |                            |
|--------------------------|----------------------------|
| Application Requirements |                            |
| └ UniFi Network          | Version 10.0.156 or later. |

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