



Bodhi Bridge

The Bodhi Bridge enhances the ability of Bodhi to extend and simplify the control and management of the many technologies on your property.

For those looking to extend traditional control systems, Bodhi and the Bodhi Bridge add the ability to connect up to 32 certified Bodhi devices plus hardwired sensors, switches, and instruments.

For those looking for more economical solutions, it can also be used as the basis for stand-alone Bodhi systems.

The Bridge can connect to Bodhi via Ethernet, Wi-Fi or (optionally) a cellular data network.

Features

- Connects up to 32 certified Bodhi devices with the Cloud-based Bodhi building management platform
- TLS encrypted communications to Bodhi
- Wireless communications are encrypted with AES 128
- Up to 100 meter range
- Easy-to-use web interface for configuring the Bridge
- Web-based firmware upgrade support
- 10/100 Ethernet interface with POE support
- 802.11b/g/n 2.4ghz Wi-Fi connectivity
- Optional LTE cellular connection
- 2 isolated wired general purpose inputs
- 1 C form latching relay output
- 5V Out: USB Type A jack for powering auxiliary devices with 5V DC - up to 1 amp
- Micro USB port for power and loading firmware
- Compact form factor: just 1.58" x 4.93" x 3.35" (40mm x 125mm x 85mm)

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Specifications

Wireless

- Z-Wave radio operating at 908-916 MHz ISM
- Up to 32 certified Z-Wave devices
- TX Power +4dBm
- Sensitivity -103dBm

Indicators & Interface

- Status LED: Multicolor LED for device status
- Reset: Recessed button for resetting device
- LAN LEDs: Indicates LAN link and activity

Connectors

- LAN / POE: RJ45 female port for 10/100 Ethernet. POE 802.3at/af Type 1 supported.
- USB: Micro USB female port for powering device and loading firmware
- GPIO: RJ25 jack with 2 isolated input and 1 relay output (pinout in manual)
- 5V Out: USB Type A port for powering auxiliary devices with 5V DC – up to 1 amp

Power

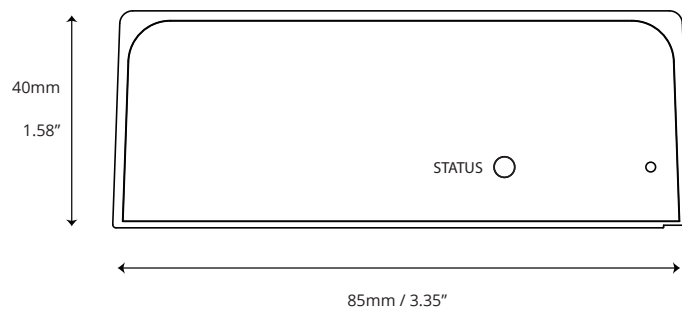
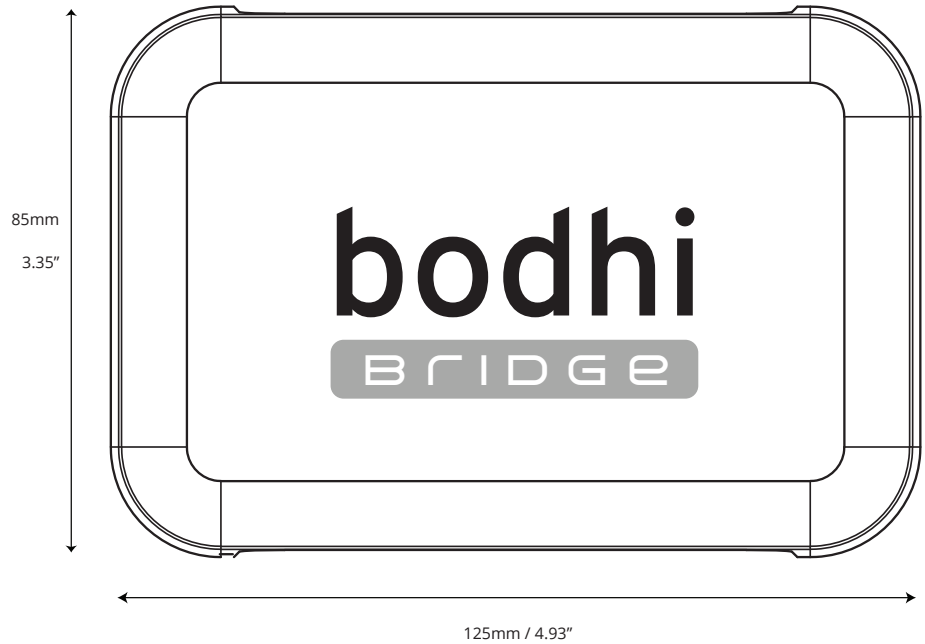
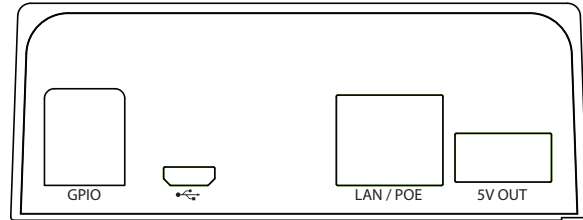
- POE Input – IEEE 802.3at/af Type 1 class device.
- USB Powered – 5v DC 1 amp adapter minimum – adapter not included

Environmental

- Temperature operating range – 0 – 40C (32 – 104F)
- Humidity – 10% to 90% relative humidity
- Heat Dissipation – 10 BTU/hr

Mechanical

- Dimensions (H x W x D): 40mm x 125mm x 85mm / 1.58" x 4.93" x 3.35"
- Material: Flame resistant ABS UL94V-0. Off-white.
- Weight: 155g / 5.5oz
- Optional flange mount model



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