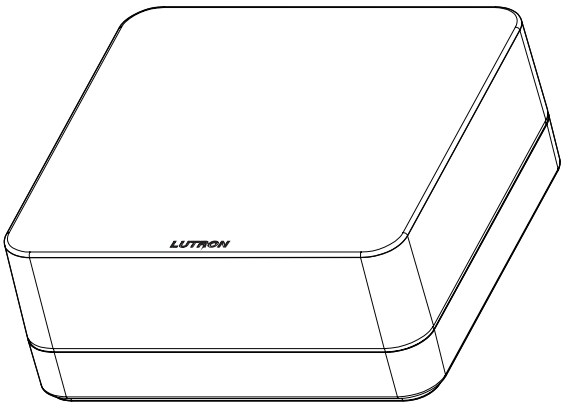
Lutron Smart Bridge and Lutron Smart Bridge PRO

The Smart Bridge and Smart Bridge PRO allow for setup, control, and monitoring of Caséta Wireless devices and Lutron wireless shades from a smartphone or tablet using the Lutron App[1].



Lutron Smart Bridge and Smart Bridge PRO

Models Available

L-BDG2-WH	5 V⎓	300 mA (Lutron Smart Bridge)
L-BDG2-WH-C[2]	5 V⎓	300 mA (Lutron Smart Bridge)
L-BDGPRO2-WH	5 V⎓	300 mA (Lutron Smart Bridge PRO)
L-BDGPRO2-WH-C[2]	5 V⎓	300 mA (Lutron Smart Bridge PRO)

[1] The Lutron App is required for setup and use with the Smart Bridge/Smart Bridge PRO. The Lutron App is compatible with iOS® devices version 8.0 or later and Android™ devices 4.1 or later.

[2] Canadian packaged product.

Job Name:	Model Numbers:	
Job Number:		

Features	Smart Bridge	Smart Bridge PRO
Supports up to 75 wireless devices (Caséta Wireless dimmers, plug-in dimmers, and switches, Pico remote controls, wireless shades). Smart Bridge/Smart Bridge PRO counts as one device.	√	√
Programmed via the Lutron App (available for iOS® and Android™).	√	√
Scene control via the Lutron App.	√	√
Timeclock scheduling of daily events via the Lutron App.	√	√
Connects to Wi-Fi router via Ethernet.	√	√
Local device operation will continue to function if internet connection is lost or Smart Bridge/Smart Bridge PRO is powered down or not communicating.	√	√
System access from anywhere in the world using the Lutron App.	√	√
Supports Caséta Wireless devices, Serena shades, and Pico remote controls.	√	√
Control outside the app via widgets (iOS® and Android™).	√	√
Supports Geofencing from the Lutron App.	√	√
Control from *Apple Watch*.	√	√
Supports *Siri* and *Apple HomeKit* technology.[1]	√	√
Supports Sivoia QS, Triathlon and select Sivoia QS Wireless shades (venetian and horizontal sheer blinds are not supported).		√
Integration with select A/V and security systems (see www.casetawireless.com/integration for details).		√

[1] HomeKit requires an iPhone, iPad, or iPod touch with iOS 8.1 or later. Controlling HomeKit-enabled accessories from home also requires an Apple TV (3rd generation or later) with Apple TV software 7.0 or later. Smart Bridge enables plug-in lamp dimmers to work with HomeKit technology. See www.casetawireless.com/Support for more details.

Job Name:	Model Numbers:	
Job Number:		

Specifications (Smart Bridge/Smart Bridge PRO)

Regulatory Approvals

- cULus Listed
- FCC approved. Complies with the limits of a Class B digital device, pursuant to Part 15 of the FCC rules
- IC certified
- COFETEL certified

Power

- 5 V⎓ 300 mA
- Power Supply (included): 5 V⎓ 550 mA, cable length 6 ft (1.83 m)

Typical Power Consumption

- Lutron Smart Bridge: 1.3 W
- Lutron Smart Bridge PRO: 1.3 W
- Test Conditions: LED on, Ethernet cable plugged in, powered by the 5 V⎓ adapter

Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
- 0% to 90% humidity, non-condensing
- Indoor use only

Communications

- All devices must be located within 30 ft (9 m) of Smart Bridge/Smart Bridge PRO
- System devices operate on frequencies between 431.0 MHz to 437 MHz
- Internet connection required for initial setup and to maintain system date/time and receive periodic firmware updates

Protection

- Tested to withstand electrostatic discharge without damage or memory loss in accordance with IEC 61000-4-2
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991

Power Failure Memory

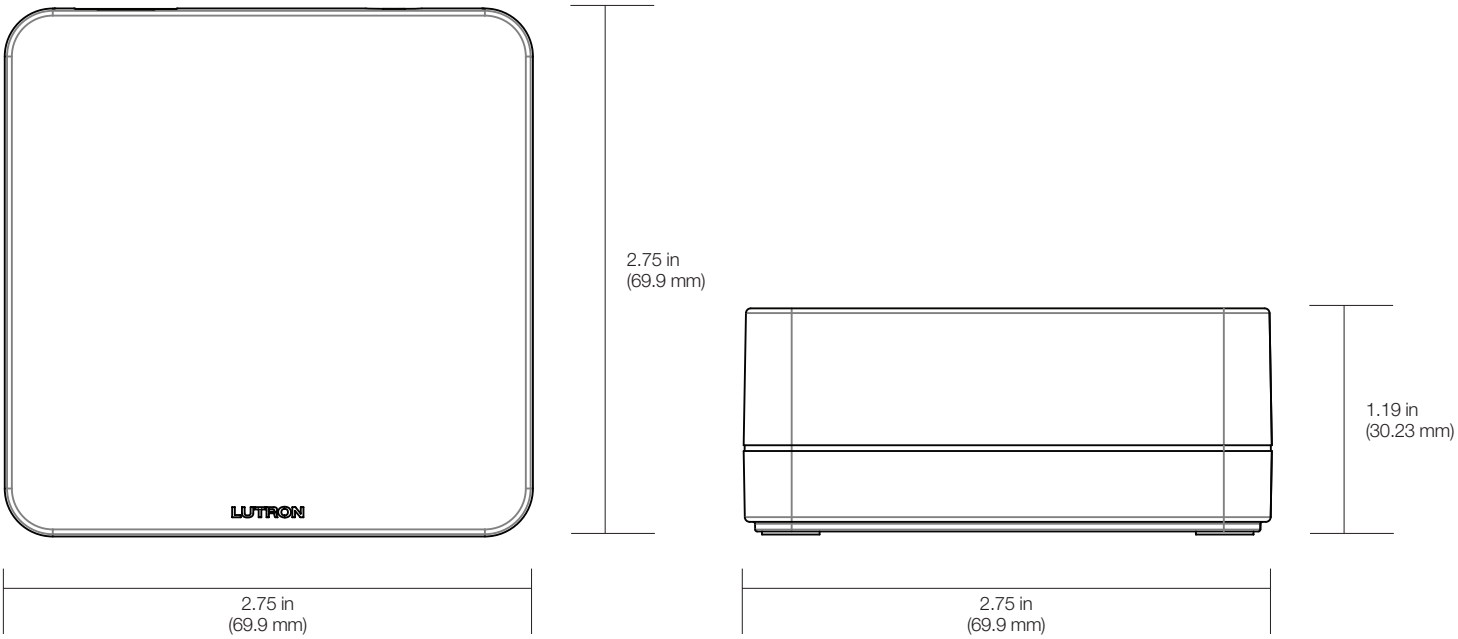
- Should power be interrupted, the Smart Bridge/Smart Bridge PRO will return to its previous state when power is restored

Connections

- Ethernet: 3 ft (0.92 m) cable included (for internet and Lutron App connection)
- USB (power only)

Job Name:	Model Numbers:	
Job Number:		

Dimensions (Smart Bridge/Smart Bridge PRO)



Job Name:	Model Numbers:	
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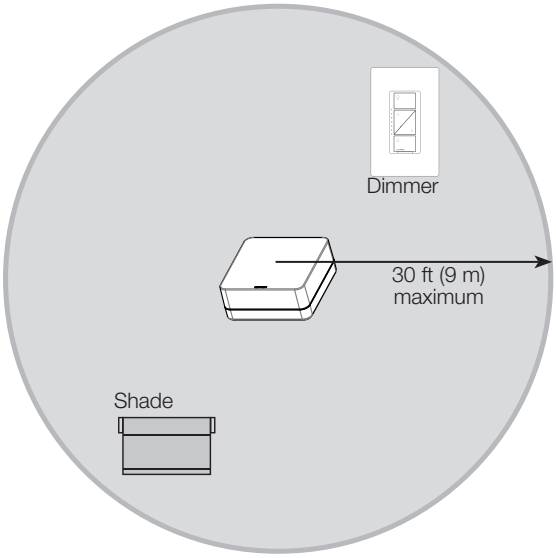
RF Range (Smart Bridge/Smart Bridge PRO)



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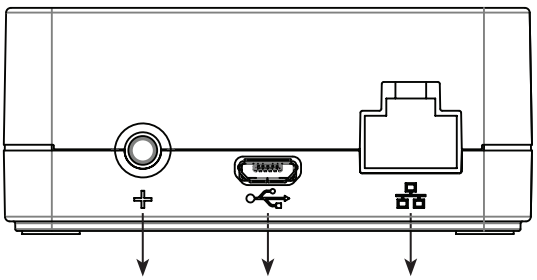
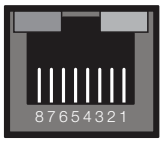
Connections (Smart Bridge and Smart Bridge PRO)

Back View



Ethernet Pin Numbering



Ethernet	Pin #
T+Ve	1
T–Ve	2
R+Ve	3
R–Ve	6

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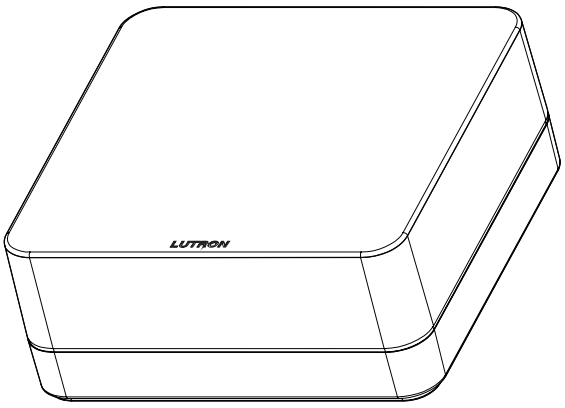

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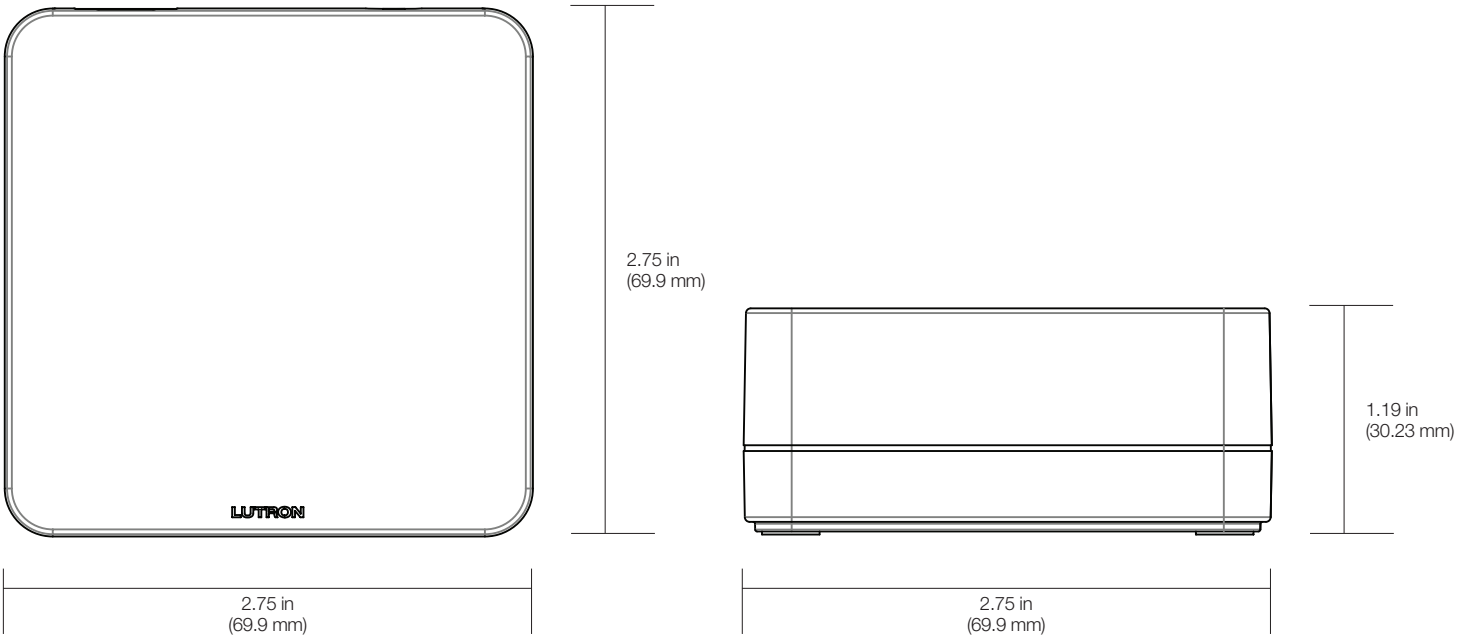

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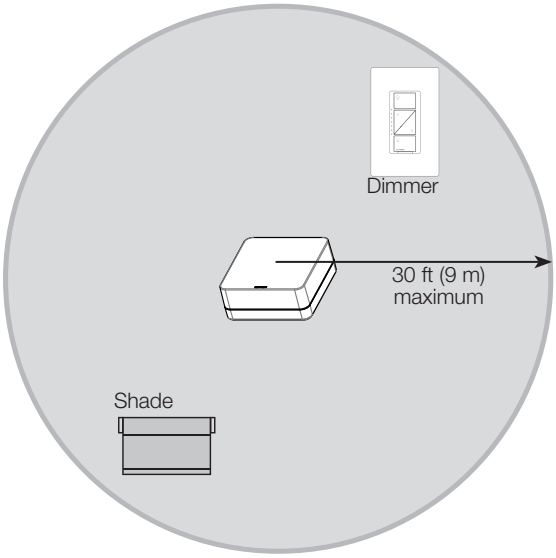

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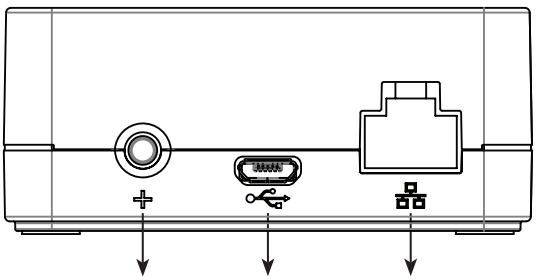
Connections (Smart Bridge and Smart Bridge PRO)

Back View



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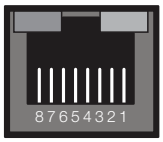

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