

# LUX



## LUX CS1 Smart Thermostat

### The affordably smart thermostat



A smart thermostat doesn't need to be expensive. The user-friendly LUX CS1 has a suite of smart features to control your comfort, all at an entry-level price. They include a Home & Away Aware™ feature that uses geofencing to detect whether someone's in the house and adjusts the CS1's settings according to the occupants' comfort needs. Plus, it's ENERGY STAR® certified, and it's compatible with Amazon Alexa and Google Assistant for comfort on command.

The LUX philosophy is to design products around our customers, to make their lives easier and more comfortable. The affordably smart LUX CS1 thermostat takes that philosophy to a whole new level.

#### Smart Features

- Home & Away Aware™: Geofencing for Automatic Savings
- 7-Day Programmable
- Alerts: Room Temperature, Filter Replacement
- Smart Tips: For Savings and Seasonality
- IAQ Fan: To Circulate Indoor Air
- Utility: Demand/Response Capable
- Reporting: Energy and Run Time Usage
- Utility Rebates Available: See [luxproducts.com](http://luxproducts.com)

#### User-Friendlier Comfort

Pair the CS1 with the all-new LUX mobile app to make it user-friendlier. The LUX app was designed to create an easier, more intuitive control experience. It boasts an informative home screen, a feature-rich scheduling interface, and a host of other easy-to-navigate components for controlling the CS1. The LUX app is available for iOS and Android.



The power behind **your mission**



Specifications	Model CS1-WH1-B04
Dimensions	Height: 3.25" (82.55 mm), Width: 5.5" (139.7 mm), Depth: 1.34" (33.9 mm)
Heat/Cool Terminals	Heat: 2 stages Cool: 1 stage
Electrical Ratings	Voltage Range: 20-30V AC Max Avg. Current Draw: 120mA at 24V AC Output Rating: 1.5A resistive load per terminal, 4.2A resistive load combined load
Temperature Control Range	Control Range: 50°F to 90°F (10°C to 32°C) Display Range: 32°F to 99°F (0°C to 37°C)
Environmental Limits	Operating Limits: 14°F to 122°F (-10°C to 50°C) Storage Limits: -4°F to 140°F (-20°C to 60°C) Operating Humidity: 20% to 80% non-condensing Moisture and Dust: Up to IP20
Compatible With	Universal compatibility with forced air, gas, oil, electric furnaces up to 2H/1C, heat pump systems with or without aux/emergency heat, C-wire, power with power wire or LUX Power Bridge
Not Compatible With	120V/240V line voltage systems
Packaging	Master Carton: 4 units UPC: 021079180332

## System

- Modes: Heat, cool, auto, emergency
- Conventional: Forced air, gas, oil and electric furnaces (up to 2H/1C)
- Heat Pumps: With or without aux/emergency heat
- Power: C-wire, power wire (included) or LUX Power Bridge (sold separately)
- Works with a C-wire powered system
- Works with heat/cool systems using a gas or propane furnace without a C-wire, via the power wire (included)
- Works with any four-wire, forced-air system without a C-wire via the LUX Power Bridge (additional purchase necessary)

## Accessories

- Wall Plate: Included
- Power Bridge sold separately

## Connectivity

- Radio: WiFi certified 802.11 b/g/n
- Frequency: 2.4 GHz
- Supports over-the-air updates
- Encryption: TLS 1.2
- Works with Amazon Alexa, Google Assistant, IFTTT



## Questions?

Contact LUX customer service at [luxproducts.com/contact](https://luxproducts.com/contact) or call **856-234-8803**.