

# LUX<sup>®</sup> PS2100

## WiFi Thermostat

PS2100

UPC: 021079180349



WHOLESALE  
**PRO**  
EDITION

A Comfortably Designed, Smart Value Thermostat

### Smart Features

- Home & Away Aware: Geofencing
- Smart Scheduling: Custom & Auto Learning
- Personalization with Energy Savings, Wellness - Sleep Quality, Air Quality Allergies "setting," Pet Owner "setting," Peace of mind "setting"
- Alerts: Room Temperature, Offline, Filter Replacement
- "Utility Provider" energy cost predictor
- Smart Reports: energy, utility cost
- Utility: Demand/Response
- App: iOS and Android
- User and Multi-thermostat Management

### System

- Modes: Heat, Cool, Auto, Emergency
- Conventional: Forced air, gas, oil & electric furnaces (up to 2H/1C)
- Heat Pumps: With or without Aux/Emergency heat
- Power: C-wire, Power Wire or LUX Power Bridge (sold separately)
  - Works with a "c-wire" powered system
  - Works with Heat/ Cool systems with a Gas or Propane furnace without a 'c-wire' via the Power Wire (included)
  - Works with any 4 wire system without a 'c-wire' via the Lux Power Bridge (additional purchase necessary)

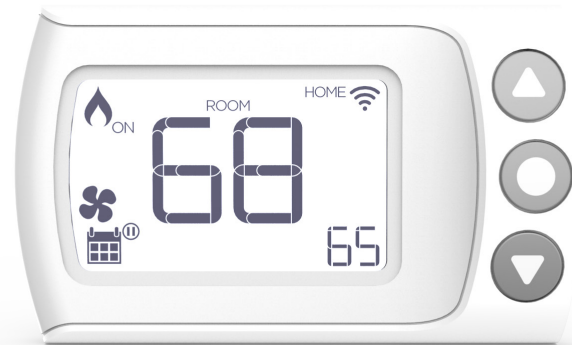
### Connectivity

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



### Supporting Documents:

For additional documentation, manufacturer-specific commands or gateway support, please contact [engineering@luxproducts.com](mailto:engineering@luxproducts.com)



### SPECIFICATIONS (subject to change)

MODEL# PS2100

Dimensions	Height: 3.25" (82.55 mm), Width: 5.5" (139.7 mm), Depth: 1.34" (33.9 mm)
Heat/Cool Terminals	Heat: 2 total (W1, Y, G, W2/O/B, C, RH, RC, LPB) Cool: 1 total (Y1)
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: 50F to 90F (10C to 32C) Display Range: 32F to 99F (0C to 37C)
Environmental Limits	Operating Limits: 14F to 122F (-10C to 50C) Storage Limits: -4F to 140F (-20C to 60C) 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: 021079180349

SS-PS21001810

