

TruBlu™ Mesh Wireless Time Keeper With Battery Backup

Overview

- Master Timekeeping Node
- Surface Mounted Non-Metallic Enclosure
- Compatible with Bluetooth® SIG Mesh Systems
- Line Voltage Input 120-277 VAC
- 24 Hours of Battery Backup During Power Outages
- Unit also Includes Range Extender (PSC-RET)
- Conforms with DLC NLC5 Cybersecurity Standards



Suitable For Interior or Exterior Use

Applications

The PSC-TKP-200-BLE-SR provides reliable time synchronization for each node of the wireless mesh network.

PSC-TKP-200-BLE-SR features a battery backup unit to provide continuous time operation during power outages. The battery is maintained by the integrated Charge Keeper and maintains master timing for up to 24 hours.

The Time Keeper also features an integrated Range Extender to be used for maintaining mesh quality across long distances.

Wireless Control Operation

TruBlu™ Mesh Controls: Qualified by Bluetooth SIG for its Bluetooth Mesh 1.0.1 specification, the controller connects to a Bluetooth mesh network and is accessed via the TruBlu web portal or mobile app for initial design, setup and scheduling, as well as subsequent parameter adjustments.

See TruBlu™ Commissioning User Manual for more information.

Summary

Product Type:
Time Keeper with Battery Backup

Input Voltage: 120V to 277 VAC, 50/60Hz

Max Bluetooth Range¹:
900ft (274m)

Mounting: Surface Mounted Enclosure

Operating Temperature:
-22°F to 158°F (-30°C to 70°C)

Storage Temperature:
-40°F to 185°F (-40°C to 85°C)

Relative Humidity:
90-95% non-condensing at 30°C

Color: Gray

Warranty: 5 years

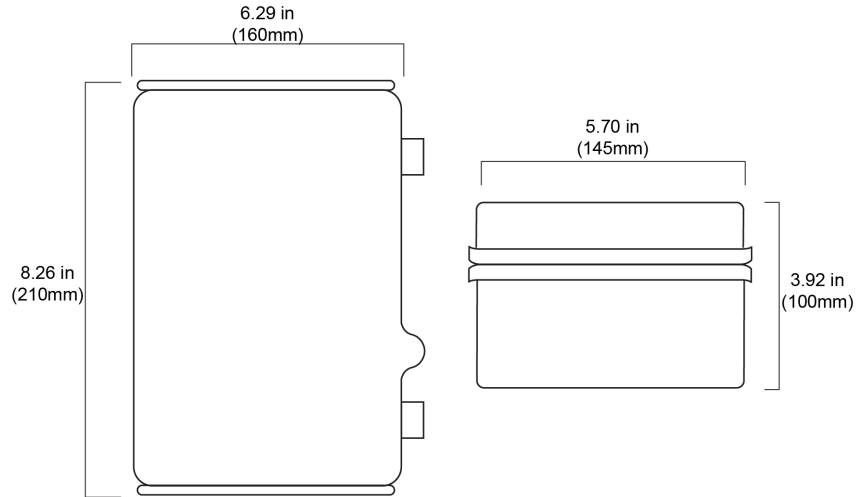
Note:

1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

Project

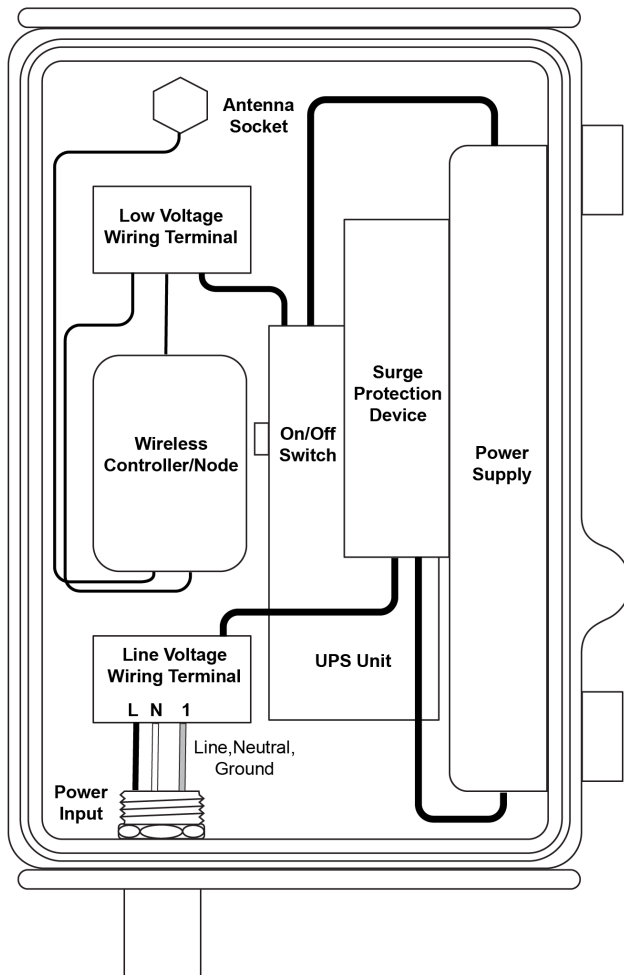
Location/Type

Physical Dimensions



Drawings are not to scale

Internal Layout and Wiring Table



Line Terminal	Designation	Notes
Terminal L	120-277VAC Line Input	Line Input
Terminal N	120-277VAC Neutral Input	Neutral Input
Terminal 1	Ground Line Input	Ground Input

Note:
To enable battery backup, switch UPS unit to ON after installation to charge battery. Battery must charge for a minimum of 24 hours before providing backup capability.

How To Order

Model No.	Description	Input Voltage
PSC-TKP-200-BLE-SR	TruBlu™ Bluetooth Mesh Line Voltage Time Keeper, Silvair technology partner	120-277VAC

Design and specifications are subject to change without notice.