

# Casambi Mesh Wireless Time Keeper With Battery Backup

## Overview

- Master Timekeeping Node
- Surface Mounted Non-Metallic Enclosure
- Casambi Wireless Mesh
- Line Voltage Input (120-277 VAC)
- Includes Cord and NEMA 5-15P Plug
- 24 Hours of Battery Backup During Power Outages
- Unit also Includes Range Extender (PSC-RET)
- ioXt Alliance Cybersecurity Certification



*Suitable For Interior or Exterior Use*



## Applications

The PSC-TKP-300-BLE-CB provides reliable time synchronization for each node of the wireless mesh network.

PSC-TKP-300-BLE-CB 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. Each unit is assembled with a cord and NEMA 5-15P plug, ready for 120VAC installation. For applications other than 120VAC, the unit requires hardwired installation.

## Wireless Control Operation

**Casambi Wireless Mesh Controls:** The controller connects to a Low Energy (BLE) wireless mesh network via a mobile app, available as iOS or Android, to allow initial setup and subsequent parameters adjustments.

See the mwConnect Casambi Commissioning User Manual for more information.

## Summary

Product Type:  
Time Keeper with Battery Backup

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

Max Bluetooth Range<sup>1</sup>:  
1200ft (365m)

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

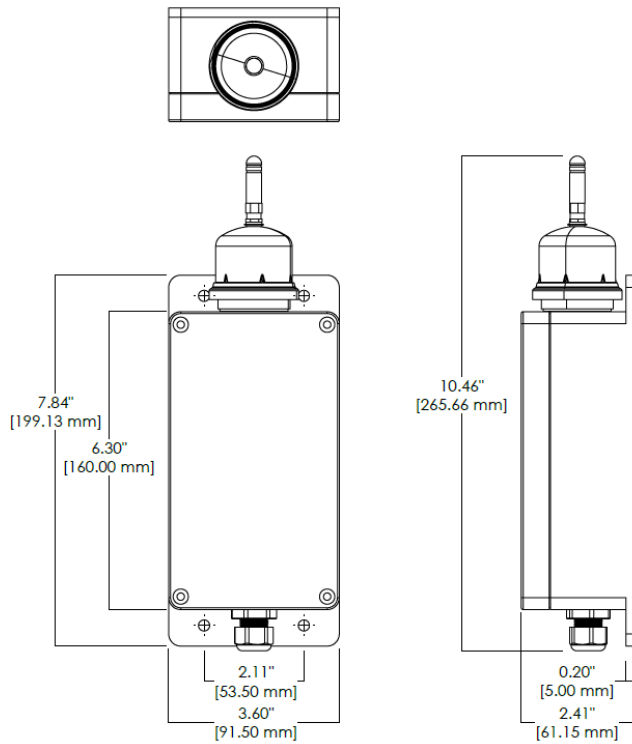
**Note:**

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

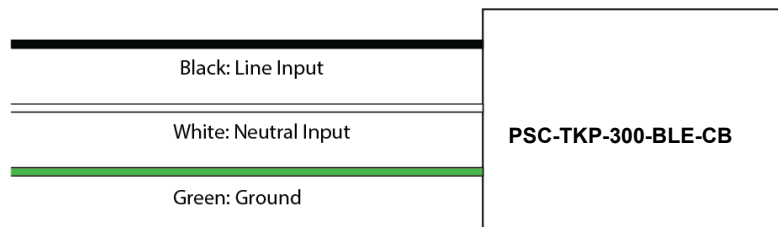
Project

Location/Type

### Physical Dimensions



### Wiring Diagram



**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-300-BLE-CB	Casambi Mesh Wireless Line Voltage Time Keeper	120-277VAC

Design and specifications are subject to change without notice.