

Time Keeper With Battery Backup

PSC-TKP-200-BLE-CB

Product Description

The wireless time keeper serves as the master timekeeping node for Casambi Bluetooth Mesh networks, ensuring schedules, scenes, and automation events remain synchronized across all devices. With integrated battery backup and long-range mesh support, it maintains accurate timekeeping for up to 24 hours during power interruptions, providing reliable operation for commercial and large-scale lighting applications.

Technical Data

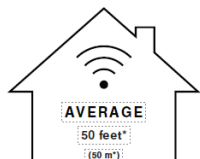
Battery Life: Up to 24 hours**Color Available:** Gray**Communication Protocol:** Casambi BLE**Input Frequency:** 50/60 Hz**Input Type:** Line Voltage**Input Voltage:** 120-277VAC**Input Voltage Range:** 120 to 277 VAC, 50/60 Hz**Load Output Control Type:** No Output**Power Input:** 120 to 277 VAC, 50/60Hz**Power Source:** Line Voltage (120–277 VAC)**Power Supply Type:** Line Voltage with integrated UPS (battery backup)**Security Network Note:** ioXt Alliance Cybersecurity Certification

Radio Tranceiver

Casambi Tested BLE Range: 900ft (274m)

Range

Average 50ft distance



*The wireless range of a Casambi unit is dependent on several factors; how it has been integrated into a luminaire, where it has been installed; taking into consideration surrounding obstacles such as walls and other building materials that may block signals. [Learn More](#)



Mechanical Data

Ambient Temperature: -22°F to 158°F (-30°C to 70°C)**Environmental Rating:** Suitable For Interior or Exterior Use**Humidity:** 90-95% non-condensing at 30°C**Install Notes:** 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.**Mounting Type:** Surface Mounted Enclosure**Storage Temperature:** -40°F to 185°F (-40°C to 85°C)**Product Warranty:** 5 years

Certifications

ioXt • DLC Listed

Warning!

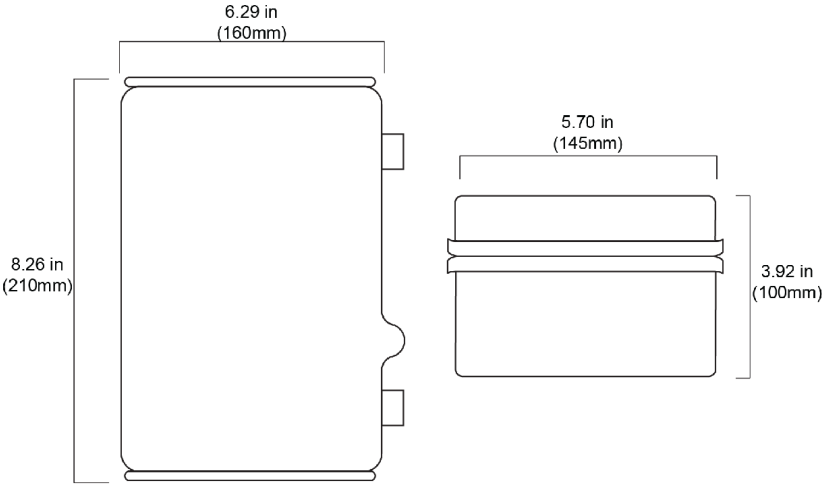


Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

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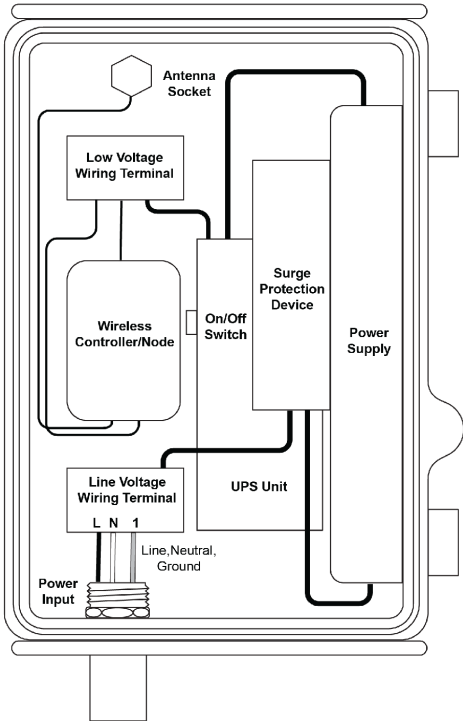
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Physical Dimensions



Drawings are not to scale

Wiring Diagrams



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.



Scan the QR code to access the available spec sheets, wiring diagrams, and additional resources for this product.