

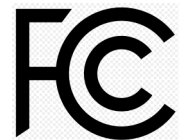
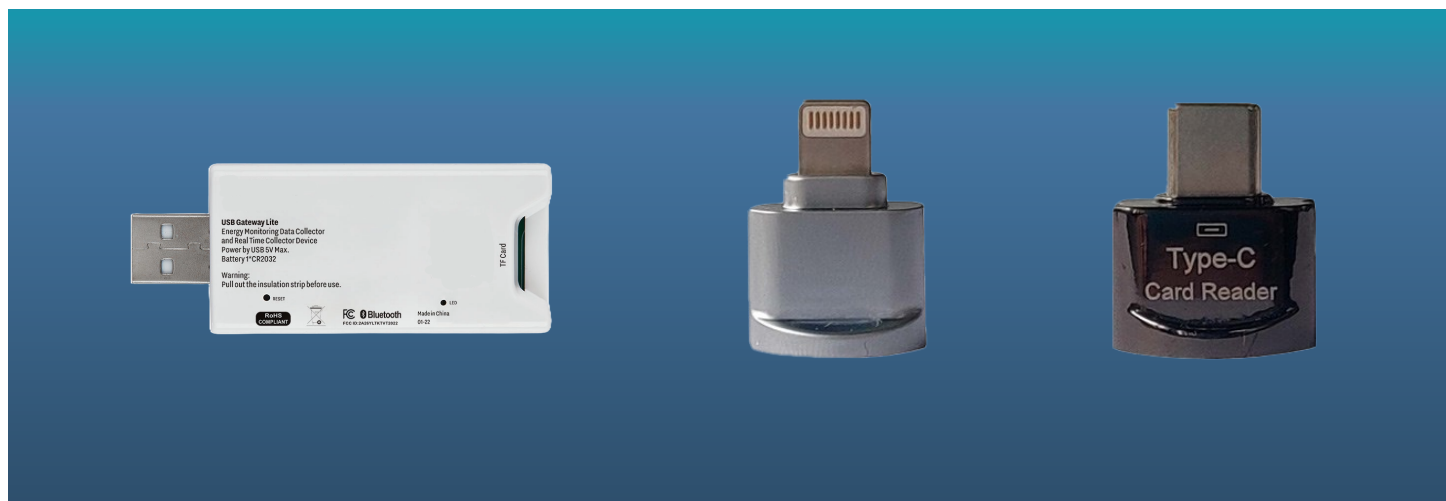
JLS-LLE-CR01 SERIES		JAYKAL
PROJECT NAME:	<b>JAYKAL LED SOLUTIONS, INC.</b> <a href="http://www.jaykal.net">www.jaykal.net</a> 21499 Baltimore Ave. Georgetown, DE 19947 (P) 302-295-0015 (F) 302-295-0016	
PROJECT NOTES:		

### PRODUCT DESCRIPTION

The CR01 series USB dongles elevate the capabilities of a LumaLinX Bluetooth mesh network zone. Integrating a Real-Time Clock (RTC) and powered by a USB-A receptacle with backup power from the integrated CR2032 battery, both versions synchronize all devices within the zone, facilitating precise and consistent scheduling across the entire system. Moreover, the JLS-LLE-CR01-ETC variant provides energy monitoring functionality, collecting and analyzing the zone's energy consumption data to generate usage reports. This empowers users with valuable insights into their energy usage, enabling informed decision-making and optimizing overall efficiency.

A raw log of energy consumption data is recorded every 15 minutes.

- ### FEATURES
- Powered by USB-A receptacle
  - Embedded RTC to sync all devices in one Zone
  - Includes an internal battery to keep time during a power outage
  - Records energy consumption raw log in SIM Card (not included)



## JLS-LLE-CR01 SERIES

**JAYKAL**

### REQUIREMENTS

- 1xCR2032 Battery (included)
- SD card (not included)
- Lightning card reader (not included)
- Type C card reader (not included)
- SD (Secure Digital) cards, also known as TF (TransFlash) cards, are interchangeable and can be used interchangeably.
- To store up to 2 years' worth of data, an SD card with a minimum capacity of 700MB is recommended
- The SD card must be formatted using the FAT32 file system for compatibility.
- For zones with approximately 100 nodes, the expected data generation is approximately 28MB per month.

### SPECIFICATIONS TABLE

#### CR01-ETC SERIES

INPUT VOLTAGE	USB 5V
INPUT CURRENT	500mA Max
BLUETOOTH TRANSMIT	100ft Max
RADIO FREQUENCY	2.4GHz ± 75MHz
BLUETOOTH VERSION	5.0
HOUSING MATERIAL	UL 94V-0
OPERATING TEMPERATURE	-30°C to 55°C, -22°F to 131°F
STORAGE TEMPERATURE	-30°C to 85°C, -22°F to 185°F
IP RATING	IP20
COLOR	White
WARRANTY	5 Years
COMPLIANCE	RoHS

Due to our continued efforts to improve our products, specifications are subject to change without notice.

## Ordering Guide

MODEL	Description
JLS-LLE-CR01-ETC	Energy Monitoring and Real Time Clock USB Dongle
JLS-LLE-CR01-RTC	Real Time Clock USB Dongle

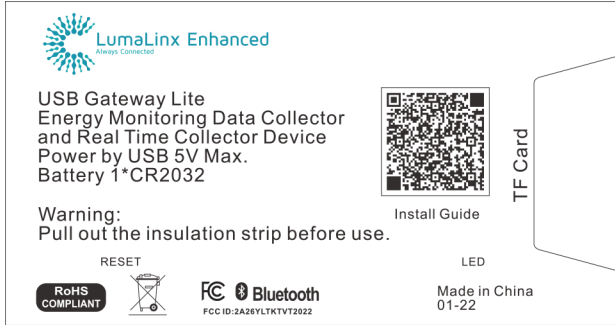
## Accessory Ordering Guide

MODEL	Description
JLS-LLE-L-RDR	Lightning Card reader
JLS-LLE-C-RDR	Type-C Card reader

*Specifications are typical values and may change without notification*


**JLS-LLE-CR01 SERIES** **JAYKAL**

**PRODUCT LABEL**



**LumaLinX Enhanced**  
Always Connected

USB Gateway Lite  
Energy Monitoring Data Collector  
and Real Time Collector Device  
Power by USB 5V Max.  
Battery 1\*CR2032



Install Guide

Warning:  
Pull out the insulation strip before use.

RESET LED

RoHS COMPLIANT

FCC ID: 2A26YLTXTV2022

Bluetooth

Made in China  
01-22

TF Card



**LumaLinX Enhanced**  
Always Connected

USB Gateway Lite  
Real Time Collector Device  
Power by USB 5V Max.  
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**APP DOWNLOAD**



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