

KI-RE100-IP65-DC Wireless Relay Extender

The Kahlenberg KI-RE100-IP65-DC Wireless Relay Extender allows for wirelessly controlling and monitoring relay inputs and outputs. With a line of sight range of up to 40 miles and 1/2 mile obstructed view range, it is a durable and economical kit for use in triggering remote electrically powered devices.



Typically one wireless relay extender is used to connect to a local wired control such as a push button or timer device as the “transmitter”, and a second wireless relay extender is used as the “receiver” at the remote controlled device such as a sound emitter or light. These units are field pairable one to one, or one to many, for wireless control of multiple remote devices at multiple locations.

FEATURES

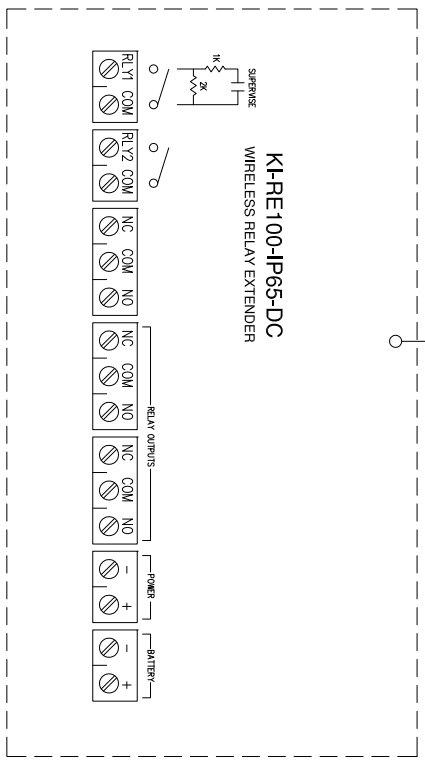
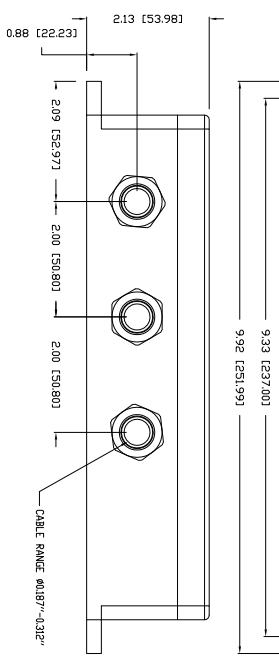
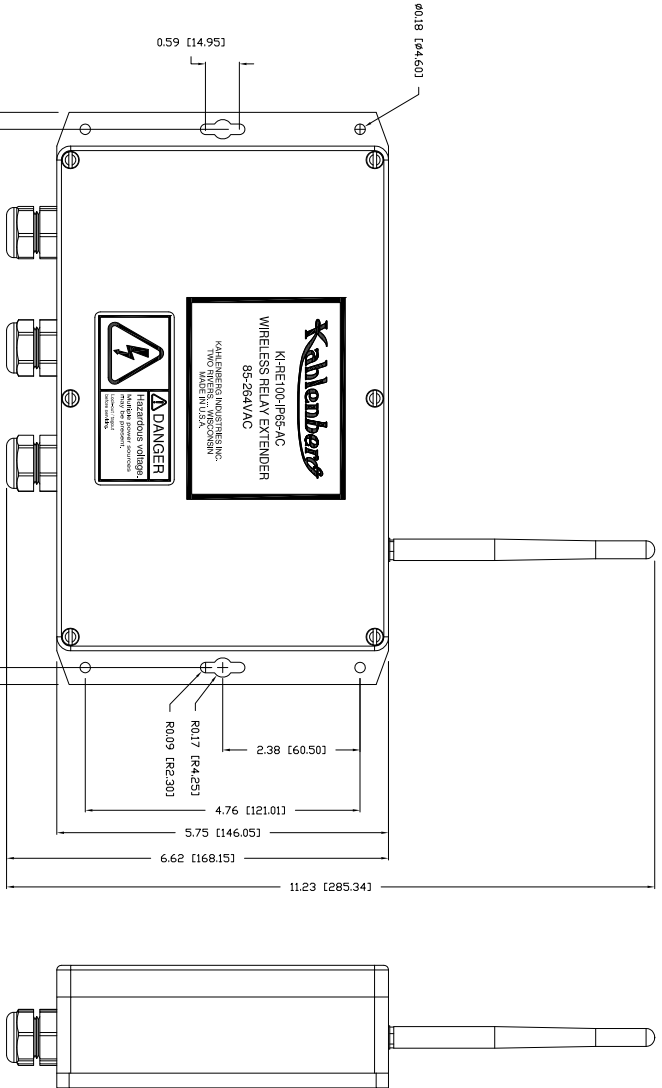
- 2 relay inputs
- 2 relay outputs
- Battery backup
- Automatic synchronization every 30-seconds
- Field pairable

SPECIFICATIONS

- Power Input: 12-24 Volt DC.
- Relays: 10A 250 VAC/ 28VDC
- 12V: 50mA (idle)
- 1A (transmit)
- 24V: 25mA (idle)
- 500ma (transmit)
- Range: 1/2 mile (Through obstructions)
- Relays: 10A 250 VAC/ 28VDC
- Minimum / Maximum Temperature Range: -40°F to 185°F (-40°C to 85°C)
- Security Encryption: AES

- **RANGE OF UP TO 40 MILES , (1/2 MILE OBSTRUCTED)**
- **IDEAL FOR INDOOR AND OUTDOOR INSTALLATIONS**
- **AVOID COST OF EXTENDED WIRED CONNECTIONS**
- **DURABLE WATERTIGHT CONSTRUCTION**
- **PAIR ONE TO ONE OR ONE TO MANY**
- **SIMPLE AND SECURE WIRELESS CONTROL**
- **USE WITH EXTERNAL WIRED CONTROL SWITCHES OR SIGNAL TIMERS**

REV.	BY	DATE	DESCRIPTION	APP'D.
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Enclosure:

- Color: Light Gray
- RoHS Certified: Always Compliant
- Indoor / Outdoor: Outdoor (UV Stabilized)
- Flammability Rating: UL94-HB
- Door Flammability Rating: UL94-HB
- Type of Plastic: Gray Polycarbonate
- Door Type of Plastic: Gray Polycarbonate
- UL Rating: UL508
- Service Temperature Min.: -40°C
- Service Temperature Max.: 120°C
- NEMA Rating: NEMA 1, NEMA 2, NEMA 4, NEMA 4X, NEMA 12, NEMA 13
- IP Rating: 65
- Mounting Style: Mounting Flanges
- Cover Style: Opaque, Screw Down Cover

TRANSMITTER:


FEATURES

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CAGE: 75214
PARTS LIST: 3-7574

 KAHLEBERG INDUSTRIES INC. TWO RIVERS, WISCONSIN 54241					
OUTLINE DIMENSIONS KI-RE100-IP65-DC WIRELESS RELAY EXTENDER					
DR.	DATE	OKD.	SCALE	DRWG. NO.	REV.
ZJN	11/16/21	EMK	N.T.S.	3-7573	