

Kinetic Transmitter End-point

User Manual

Product Description: 915 MHz Kinetic RF Transmitter End-point

Model Number (HVIN): 50-31F036

Model Name (PMN): Kinetic Transmitter End-point

FCC ID: 2AHAB-KT

IC: 8725A-KT

Manufacturer: Camden Door Controls

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1. Product Overview

The Kinetic Transmitter is a 915 MHz RF transmitter using energy harvesting technology. The transmitter does not require any batteries, providing a maintenance-free installation that operates on radio frequency to provide easy installation of automatic door activation switches.

2. Package Contents

- 1 x Kinetic Transmitter
- 1 x User Manual

3. Installation & Setup

3.1 Powering the Device

The Kinetic Transmitter does not require any external power. It uses an energy harvesting magnetic coil. Physical force is used to push a magnet across a coil, which generates enough energy to power a small RF generator.

3.2 Basic Operation

The Kinetic Transmitter End-point can be paired with Camden RF Receivers. Pairing is achieved by pressing the Pair button on the receiver and then activating the Kinetic Transmitter End-point.

4. Wireless Operation

This product operates using Sub-GHz ISM-band radio communication. Radio operation is automatic and managed by the internal firmware. Users cannot modify transmission parameters such as power level, frequency, or modulation.

5. Regulatory Notices

5.1 FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

5.2 FCC RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

5.3 ISED Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with the Canadian ICES-003 Class B specifications. CAN ICES-003(B) / NMB-003 (B).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempt de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

5.4 ISED RF Exposure Statement

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations ISED CNR-102 établies pour un environnement non contrôlé. Une distance de séparation d'au moins 20 cm doivent être maintenue entre l'antenne de cet appareil et toutes les personnes. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.

6. Certification and Approvals

- FCC ID: 2AHAB-KT
- IC: 8725A-KT
- Complies with applicable FCC Part 15 and ISED RSS standards

7. Safety and Maintenance

- Do not disassemble or modify the product.
- Do not expose the device to water, fire, or excessive heat.
- Only use supplied or certified accessories.
- Clean with a soft dry cloth only.

8. Support & Contact Information

For product support, warranty information, or replacement parts, please contact:

Camden Door Controls

2395 Skymark Ave, Mississauga, ON L4W 4Y6

Phone: (905) 366-3377

Email: support@camdencontrols.com

Website: www.camdencontrols.com