

AIR ID[®] RKE

**Click-operated remote keyless entry
for long-range access**



Overview

The AIR ID RKE product consists of a click-operated wireless key fob with up to 100 ft. of read range for the reader. The technology is unidirectional, therefore the user does not need to aim at a reader or have a direct line of site. The fob has two buttons to allow the user to access entry and exits. Only one Wiegand output reader is required for entrances and exits when they are close in proximity to each other.

Applications

- Long range access control
- Gated parking

AIR ID RKE

Features

Convenient for user: Click operation, unidirectional read range up to 100 feet. Only one key fob is needed for parking lot and building access, which conveniently attaches to standard key ring

Compatibility: 100% compatible with installed base of Wiegand panels

Security: Employs 16 bit code-scrambling technology generated by a non-linear algorithm which ensures security. Eliminates potential for code scanning; code capture and resend schemes. All scrambled data is stored in EEPROM which is inaccessible through external connections

Simple design and makeup: Entry and exit factory programmable buttons, standard 26 bit Wiegand format output reader.

Specifications

Typical maximum read range: 100 foot (30.48m) long range RKE fob transmitter to RKE receiver

Transmit frequency: 315 MHz or 418 MHz

Operating temperature range: -40° to 140°F (-40° to 65°C)

Operating humidity range: 0% to 95% relative humidity, non-condensing

Certifications: FCC Class B, CSA, CE

Warranty: One year for material/workmanship defects; see complete policy for details

Specifications—Key Fob

Dimensions: 1.38”(H) x 1.97”(W) (key fob); 3.5cm(H) x 5.0cm(W)

Weight: .05 lbs (22.6g)

Power requirements and interface: Standard 12V alkaline battery

LED: Standard red indicator

Please feel free to call, e-mail or visit our website for a full list of applications, products, configuration options, supported cards, and form factor specifications. Our website includes application videos, support materials, case studies and detailed information about our product line.

RFID EAS

Single Badge Solutions for Identification and Access

Specifications—Reader

Dimensions: 4.5” x 5.0” x 1.75”; 11.4cm x 12.7cm x 4.4cm

Weight: .7 lbs. (317.5g)

Power requirements and interface: +12V DC

Part Numbers

Type	Part Number
Transmitter 315 MHz- Transmitter with 26 bit Prox	BDG-RKE1 RDR-RKE100SLHPA26
Transmitter 418 MHz Transmitter with 26 bit Prox	BDG-RKE2 RDR-RKE200SLHPB26
Receiver 315 MHz	RDR-RKE1
Receiver 418 MHz	RDR-RKE2



AIR ID RKE reader
with 2 Wiegand
outputs