FR-2200
Long Range Receiver

The FR-2200 combines long range with a smaller footprint making it ideal for cost sensitive access applications where pressing a button is more convenient than presenting a card. The FR-2200 is ideal for long range access control applications, such as gates, raising and lowering barriers, arming and disarming alarm systems, as well as those applications calling for emergency duress. The receiver was designed to output Wiegand data and install similar to our proximity readers for easy integration to most access control systems.

Advanced antenna-free technology utilizes 433 MHz UHF frequency and offers up to 100 feet of read range.

Having dual Wiegand outputs built-in, allows a single FR-2200 to control 2 adjacent doors or parking gates. Each button on a 2-button transmitter can control one of the 2 adjacent doors by installing 2 receivers within each other's range.

Features:

- Encrypted Transmission
- Rolling Code
- Weather Resistant Enclosure
- Compact Design
- Frequency: 433 MHz
- Read Range: Up to 100 Ft (30.5m)

Transmitters:

TR-2
Two button transmitter

TR-4
Four button transmitter*

*FR-2200 can be used with Button 1&2 only

Receiver

Frequency	433 MHz UHF
Reader Data Formats	RBH 50 bit and other formats
Read Range	Up to 100'
Visual Annunciation	External LEDs
Audio Annunciation	Built-in piezo sounder
Mounting	Any flat service
Size	3" x 3" x 3.3" (76.2 mm x 76.2 mm x 83.82 mm)
Weight	8 oz. (227 g)
Operating Temperature	-40^0 F to +149^0 F (-40^0 C to +85^0 C)
Wiring	500' (152 m) max, 18 AWG, 6-7 conductor shielded cable
Operating Voltage	+8 to 24 VDC
Power Draw	80 mA typical @ 12 VDC
Included in the Box	Receiver
Warranty	Limited 1 year warranty against defects in materials and workmanship
Certifications	FC (CE) (ETL) Industry Canada / Industrie Canada

*Specifications are subject to change without notice.

Transmitters

Transmitter Model	TR-2	TR-4
Buttons/Channels	2/1	4/2
Button Press Range/ Frequency	Up to 200' (61m) /433 MHz UHF (Active-battery powered, FR-4400 compatible)	
Presentation Range/ Frequency	Up to 2" (51mm) / 125 KHz (Passive, RBH-FR-360N, FK-640 compatible)	
Data Formats	RBH 50 bit and other formats	
Visual Annunciation	LED	
Marking	Date code and ID	
Mounting	Key chain, lanyard, flat surface with Velcro	
Size	2.3" x 1.3" x 0.4" (58.4mm x 33 mm x 10.2mm)	
Weight	0.7 oz. (21.8 g) nominal	
Battery	Replaceable 27A, NM27-sized 12 Volt Alkaline	
Enclosure	Black polycarbonate	
Security Features	Rolling code + Encryption algorithm	
Warranty	Limited 1 year warranty against defects in materials and workmanship	
Certifications	FC (CE) (ETL) Industry Canada / Industrie Canada	

*Specifications are subject to change without notice.

Transmitters Models:

- RBH-TR-2-A
- RBH-TR-2-D2
- RBH-TR-2-H
- RBH-TR-4-A
- RBH-TR-4-D2
- RBH-TR-4-H

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