



FR-4400

Long Range Receiver

FR-4400 is ideal for long range access control applications, such as opening parking gates, raising and lowering vehicle barriers, arming and disarming alarm systems, as well as those applications calling for emergency duress. The Ranger Receiver was designed to output Wiegand data and install similar to our proximity readers for easy integration to most access control systems.

Advances antenna-free technology utilizes 433 MHz UHF frequency and offers up to 200 feet of read range easily adjustable with built-in dial.

Simple control panel adjustments allow for fine tuning of read range and channel selection. Local LED feedback adds to the ease of installation and configuration.

Having dual Wiegand outputs built-in, allows a single FR-4400 to control 2 adjacent door or parking gates. Each button on a 4-button transmitter can control one of the 4 adjacent doors by installing 2 receivers within each other's range.

Features:

- Encrypted Transmission
- Rolling Code
- Weather Resistant Enclosure
- Compact Design

Transmitters:



TR-2
Two button transmitter



TR-4
Four button transmitter

Receiver	
Frequency	433 MHz UHF
Reader Data Formats	RBH 50 bit and other formats
Read Range	Up to 200' (Adjustable)
Visual Annunciation	Internal and External LEDs
Audio Annunciation	Built-in piezo sounder
Mounting	Flat surface. single-gang US / European wall-box
Size	6.3" x 3.4" x 2.3" (160 mm x 86.3 mm x 58.4 mm)
Weight	12 oz. (340 g)
Operating Temperature	-40° F to +149° F (-40° C to +65° C)
Wiring	500' (152 m) max, 18 AWG, 6-7 conductor shielded cable
Operating Voltage	+8 to 24 VDC
Power Draw	80 mA typical
Included in the Box	Receiver, mounting template, manual
Warranty	Limited 1 year warranty against defects in materials and workmanship
Certifications	

*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) MHz UHF (Active-battery powered, FR-4400 compatible)	
Presentation Range / Frequency	Up to 2" (51 mm) / 125 kHz (Passive, RBH FR-360N and 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" (58.4 mm x 33 mm x 10.2 mm)	
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		

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