RCI WRT-2M
Mini long-range transmitters

dormakaba

WRT-2M

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RCI Ranger from Farpointe Data sets the electronic security benchmark for high frequency, long-range identification Receivers and Transmitters. Based upon proven contactless digital ultra-high frequency (UHF) technology, the RCI Ranger Receivers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and up to 150 feet of read range (WRT-2M with WRR-44). The WRT-2M Transmitter is an active device, powered by a highly reliable and common battery, and can be fitted with an adhesive disc tag, such as Farpointe's model PDT-1—that adheres to the back of the Transmitter—which also allows it to be used as a close-range presentation-style access credential. Disc tags, which are sold separately, are available in a variety of protocols.

MAXSecure™
Unique Security Feature

ONE YEAR **Warranty**
One-Year Warranty

001 **Wiegand**
Output Interface

Contactless
Button Press
– Up to 150 ft
(46 m)

Button press:
Frequency: 433 MHz
Read Range: Up to 150 feet (46 m)

Specifications   WRT-2M Mini long-range transmitter

Technology	Long range
Frequency	433 MHz
Marking	Date code and ID
Dimensions	1.4" W × 1.95" H × 0.47" D (35.6 mm × 49.5 mm × 11.9 mm)
Transmission	Rolling code + encryption
Weight	0.6 oz (17 g)
Certifications	FCC, ICC, CE
IP Code	IP67
Battery	Single replaceable CR2032, 3.3V, lithium battery
Compatibility	Button press: WRR-44 and WRR-22 Receivers
Read Range	Upon button press: WRR-22: Up to 75 feet (23 m) WRR-44: Up to 150 feet (46 m)
Durability	Electronics sealed in a weather-resistant enclosure
Interface	Wiegand (26-bit industry standard and custom Wiegand formats)
Operating Temperature	−40° F to 122° F (−40° C to +50° C)
Enclosure	Black polycarbonate
Buttons	Red silicon
Key Ring	Optional 1-inch (25 mm) key ring
Warranty	1-year limited warranty
Convenience	Built-in eyelet makes it easy to carry on a key ring or lanyard
LED	Integrated red LED standard (activated upon button press)
Interoperability:	WRT-2+H or WRT-4+H: Supports certain HID® 125-kHz Proximity protocols WRT-2+D2 or WRT-4+D2: Supports certain MIFARE® DESFire® EV2 2K 13.56-MHz Smartcard protocols

NOTES:

IP67 Self evaluated. Rated to typically provide more than 250,000 button presses under normal conditions with supplied Renata CR2032. Button press tested with 12 VDC at WRR-22 and WRR-44. Receiver coverage is omni-directional and need not be installed in a line-of-sight configuration. Electronics are snap sealed in a weather-resistant enclosure. Presentation requires a separate disc tag, sold separately, such as the PDT-1-H Disc Tag, which would be adhered to the back of the transmitter. When ordering, please indicate the proximity disc tag desired. Supports readers including, but are not limited to, P-300-H-A, P-500-H-A,, and P-640-H-A, P-710-H-A and P-900-H-A as well as PCR and CSR Series and HID ProxPoint® Plus, ThinLine II®, MiniProx® ProxPro and MaxiProx.

Intertek