

# RCI WRT-2M

## Mini long-range transmitters



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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.

	<b>MAXSecure™</b> Unique security feature	 <b>ONE YEAR</b>	<b>Warranty</b> One-year warranty		<b>Wiegand</b> Output interface		<b>Contactless</b> Button press – Up to 150 ft (46 m)
	<b>Button press:</b> <b>Frequency:</b> 433 MHz <b>Read range:</b> Up to 150 feet (46 m)						

## WRT-2M Mini long-range transmitter specifications

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



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**Any questions? We would be happy to advise you.**

Contact us at: 1-800-265-6630