RCI WRT-2+H & WRT-4+H
Long-range transmitters

WRT-2+H

WRT-4+H

RCI WRT-2+H & WRT-4+H long-range transmitters

RCI Ranger 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 either the legacy Wiegand communication protocol or the latest bi-directional Open Supervised Device Protocol (OSDP). Additionally, RCI Ranger transmitters are active devices, powered by the most reliable and common battery, and equipped with a potted proximity or contactless smartcard module. The modules can be ordered to support several proximity reader technologies and allow the transmitter to be used as a close-range credential.

MAXSecure™
Unique security feature

ETL Listed
Independently tested and certified
Conforms to UL standard 294 and
ULC 60839-11-1

Warranty
One-year warranty
ONE YEAR

Wiegand
Output interface

Built-in eyelet
Carry on a key ring

Contactless
Up to 200 ft (61 m)
Presentation up to 3.5 in (88 mm)

Button press frequency: 433 MHz
Read range: Up to 200 feet (61 m)
Presentation frequency: 125 kHz or
13.56 MHz Read range: Up to 3.5
inches (88 mm)

Factsheet

WRT-2+H & WRT-4+H Specifications

Technology	Long range
Frequency	Button press – 433 MHz Presentation – 125 kHz or 13.56 MHz
Marking	Date code and ID
Dimensions	1.45" W × 2.5" H × 0.56" D (37 mm × 63.5 mm × 14.2 mm)
Button press transmission	Rolling code + encryption
Weight	0.7 oz (20 g)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
IP Code	IP67-rated for outdoor use
Battery	Single replaceable CR2032, 3.3V, lithium battery
Compatibility	Button press: WRR-44 and WRR-22 Receivers; Presentation: Pyramid readers and others
Read Range	Button press: Up to 200 feet (61 m); Presentation: Up to 3.5 inches (88 mm)
Durability	Electronics sealed in a weather-resistant enclosure
Interface	Wiegand (26-bit industry standard)
Operating temperature	−40° F to 122° F (−40° C to +50° C)
Enclosure color	Black polycarbonate enclosure with gray ABS keys
Key Ring	Optional 1-inch (25 mm) key ring
Warranty	1 Year limited
LED	Integrated red LED standard (activated upon button press)
Transmitters models	WRT-2+ (2 buttons labeled 1 & 2); WRT-4+ (4 buttons labeled 1 through 4)
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:

Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Independently tested and verified by Intertek. Rated to typically provide more than 250,000 button presses under normal conditions. Button press tested with 12 VDC at WRR-44, presentation with 12 VDC at P-500-H-A. 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. When ordering, please indicate the proximity insert compatibility desired by using a suffix, for example, WRT-4+H. Contact your representative for additional information. 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.

Any questions? We would be happy to advise you.

Contact us at: 1-800-265-6630