



# REFERENCE DOCUMENT

## RANGER<sup>®</sup> LONG-RANGE TRANSMITTERS

### MODELS WRT-2+ AND WRT-4+

Wireless Radio Transmitters and Receivers comprise Farpointe Data's long-range access control identification solution known as Ranger. Ranger Transmitters are commonly selected for use in both long- and short-range applications to create touchless electronic access control environments that reduce friction. With the press of a button, users can access long-range applications at distances of up to 200-feet (61 m)\*, while that same Transmitter may be presented to a traditional door reader as a conventional physical access credential.

Transmitters are compatible with standard electronic access control systems via the industry standard 26-bit Wiegand, as well as custom formats, and are programmed with the exact format, facility code and ID numbers ordered, with no gaps, under- or over-runs.

**WRT-4+ Four-Button Model**  
Exterior front view



**WRT-2+ Two-Button Model**  
Exterior front view



### Key Benefits

**1 DURABLE CONSTRUCTION**

Hard plastic buttons with raised numbers are engineered to resist wear, cracking and jamming.

**2 ERGONOMIC DESIGN**

Durable built-in eyelet allows the Transmitter to be carried with confidence on a key ring.

**3 WEATHER-RESISTANCE**

IP67 tested and approved, the Transmitter's weather-resistant enclosure securely snaps together without screws offering resistance to water, dust and grime.

**4 LONG-LIFE BATTERY**

Powered by a widely available, replaceable CR2032 lithium coin cell battery that has been tested to exceed 250,000 button presses. The red LED light indicates positive button press and battery level.

**5 MULTI-APPLICATION**

A 125-kHz proximity and/or 13.56-MHz contactless smartcard module securely potted into place, and with matching programming, allows a Transmitter to be used as a traditional presentation credential, as well as a long-range credential upon button press.



Inside front view  
(WRT-2+ and WRT-4+)



Inside back view  
(WRT-2+ and WRT-4+)

Contact Farpointe or your preferred electronic access control system supplier to learn more. And be sure to ask about our private labeling options!

\*Longer range available with use of a separate external antenna on WRR-44 Receiver. See [External Antenna Reference Document](#).

REFERENCE DOCUMENT  
**RANGER® LONG-RANGE TRANSMITTERS**  
MODELS WRT-2+ AND WRT-4+

**Supported Formats**

**LONG-RANGE  
BUTTON-PRESS**

- 433-MHz Ranger®



Read range up to  
200 feet (61 m)



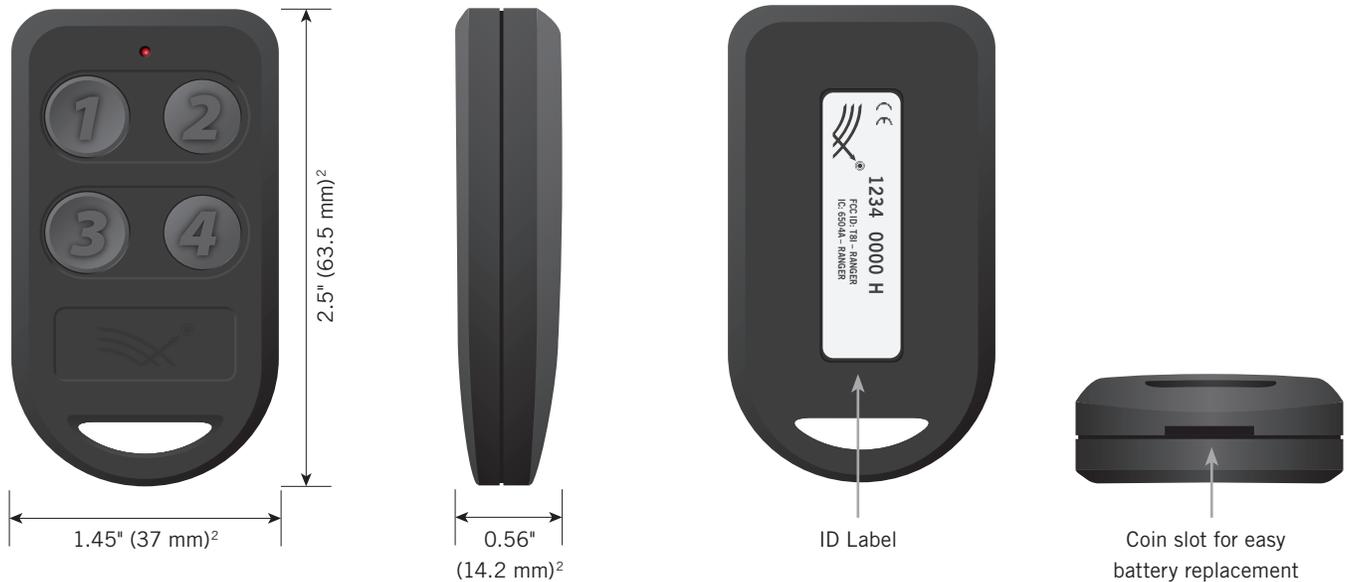
**PRESENTATION-STYLE**

- 125-kHz Pyramid Series Proximity® protocols
- Certain HID® 125-kHz proximity protocols
- Certain AWID® 125-kHz proximity protocols
- MIFARE® Classic and MIFARE® DESFire® EV2 13.56-MHz contactless smartcard protocols
- And others available upon request



Read range up to  
3.5 inches (88 mm)

**Dimensions and Additional Details** (shown actual size)<sup>1</sup>



<sup>1</sup> Transmitter is shown actual size when printed at 100% on 8.5" x 11" paper.

<sup>2</sup> WRT-2+ and WRT-4+ are the same size.

Farpointe Data reserves the right to change specifications without notice.

© 2020 Farpointe Data, Inc. All rights reserved. Farpointe Data®, Pyramid Series Proximity®, Delta®, Ranger®, and CONEKT® are the registered U.S. trademarks of Farpointe Data, Inc. MIFARE and MIFARE DESFire are registered trademarks of NXP B.V. AWID is a registered trademark of Applied Wireless Identifications Group. HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.

**Farpointe Data, Inc.**  
2195 Zanker Road  
San Jose, CA 95131 USA  
Office: +1-408-731-8700  
Fax: +1-408-731-8705  
support@farpointedata.com

