



REFERENCE DOCUMENT

RANGER[®] 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)¹, 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 BATTERY²

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!

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)

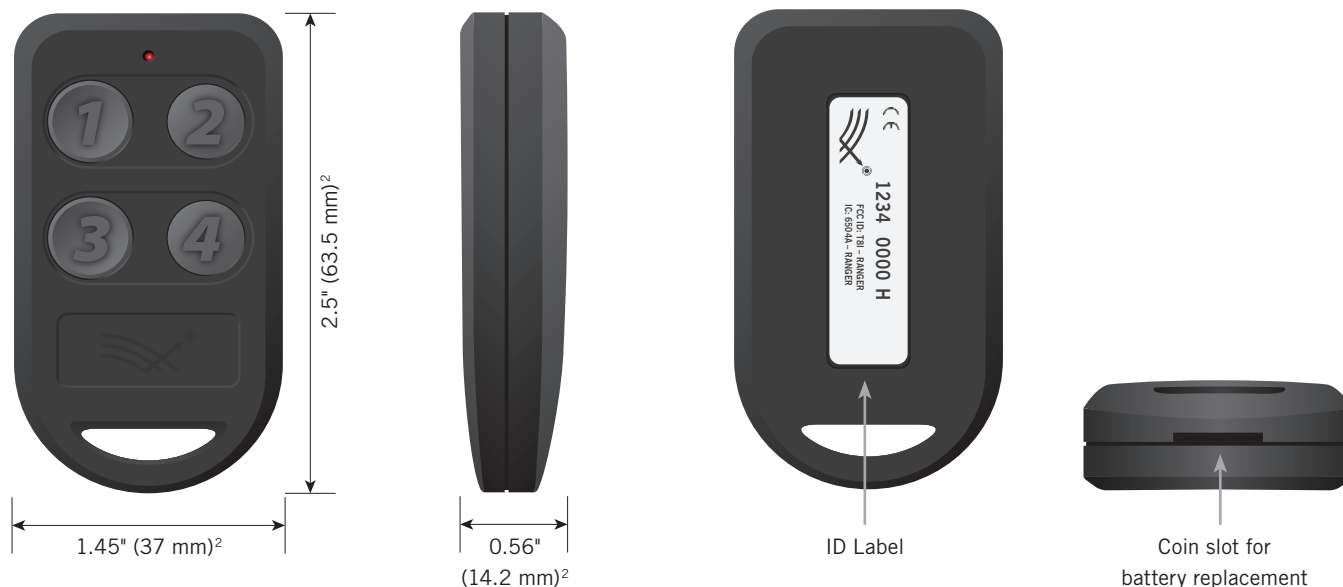
PRESENTATION-STYLE

- 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)*¹



NOTES:

- 1 Longer range available with use of a separate external antenna on WRR-44 Receiver. See [External Antenna Reference Document](#).
- 2 Warning: Contains Coin Battery: Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the Transmitter, remove the battery, and keep all components away from children.
- 3 Transmitter is shown actual size when printed at 100% on 8.5" x 11" paper.
- 4 WRT-2+ and WRT-4+ are the same size.

Farpointe Data reserves the right to change specifications without notice.

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