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.

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.

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.
Supported Formats

**LONG-RANGE BUTTON-PRESS**
- 433-MHz Ranger®

**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

Dimensions and Additional Details *(shown actual size)*

- Read range up to 200 feet (61 m)
- Read range up to 3.5 inches (88 mm)
- ID Label
- Coin slot for easy battery replacement

1 Transmitter is shown actual size when printed at 100% on 8.5” x 11” paper.
2 WRT-2+ and WRT-4+ are the same size.

Farpointe Data reserves the right to change specifications without notice.

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

www.farpointedata.com