

THE READER

News for the Access Control Professional



KEY VERTICAL:
GATED COMMUNITIES

FOCUS ON LONG-RANGE ACCESS CONTROL SOLUTIONS

This month, we're going to do something a little different by focusing on one type of access control application...long-range.

At some point, most access control professionals will need to sell, spec or install an access solution for a parking structure, gated community, storage facility, marina, or other long-range scenario where a typical RFID reader may not be ideal. Farpointe's **Ranger**[®] was designed for these types of applications. Operating at the 433-MHz frequency, Ranger gives users up to 200 feet (61 m) of read range at the push of a button!

However, Ranger provides much more than that. Farpointe engineered a solution that can work with traditional readers—or in place of them in certain situations—making the versatile Ranger a valuable addition to your access control offering.

Following are a variety of resources to help you get the most out of Ranger and provide the most value to your customers.

Key Features of Ranger

- No line-of-sight required between transmitter and receiver
- Supports industry-standards: Wiegand or OSDP protocols
- Installed and programmed just like traditional readers and credentials
- 2-Channel **WRR-22 Receiver** has a fixed read range of up to 100 feet (30.5 m)
- 4-Channel **WRR-44 Receiver** has an adjustable read range of up to 200 feet (61 m)
- WRR-44 read range can be extended with an external antenna (sold separately)
- **WRT-2+ and WRT-4+ Transmitters** are equipped with a proximity or contactless smartcard module for use as traditional presentation credentials with RFID readers

[RANGER SELL SHEET](#)

Ranger Transmitters...Quality from the Inside, Out

- Durable construction
- Ergonomic design
- Weather-resistance
- Long-life battery
- Multi-application



[TRANSMITTER REFERENCE](#)



Ranger Use Cases

Ranger is one of the most versatile access control ID solutions on the market today. While designed for parking, gates and other typical long-range uses, its flexibility is ideal for a wide variety of applications. As an example, take a small office building with four access points: front door, employee entrance, secure IT closet and shipping area. A single WRR-44 Receiver can control all four points, each assigned to its own channel, and its own button on a WRT-4+ Transmitter. This eliminates the need to install and run cable for four separate readers.

Download our [Ranger Use Cases](#) for an inside look at the ways Ranger can be used in a variety of access control scenarios.

Extend Your Read Range with an External Antenna

The Ranger WRR-44 Receiver may be fitted with an external antenna that can increase its read range beyond the nominal range of up to 200 feet (61 m) and support directivity. Download the [WRR-44 External Antenna Reference Document](#) for more details, including potential antennas and accessories that may be used.



[ANTENNA REFERENCE](#)

[LEARN MORE](#)

Real-World Examples



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Schneider Electric, in Espoo, Finland, uses a Ranger WRR-44 Long-Range Receiver to control access into their underground parking garage.



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Integrated with a gate entry system, a Ranger WRR-44 is installed at the main gate of Kolea at Waikoloa Beach Resort in Hawaii.

Have You Used Ranger?

If so, we'd love to hear about your experience! If you are interested in exploring how Ranger might work for your next project, please reach out and let us know.

[RANGER FEEDBACK](#)



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