



WWR-42 Ranger Receiver

Long Read Range - Up to 150-feet (46m); ideal for vehicle access without lowering the window keeping occupants safe and dry

Wiegand Output - Compatible with all standard access systems

Adjustable Read Range - Adapts easily for a range of applications

Encrypted Transmission - Best-in-class security, guards against code grabbing and scanning

Wireless Radio Transmitters and Long Range Receivers with an integrated receive antenna comprise Farpointe Data's high frequency, long-range identification solution known as Ranger. Intended for security access control applications, Ranger's wireless communications are based upon a secure, digital, anti-playback routine¹.

Ranger Receivers are ideal for long range access control applications, such as gates, raising and lowering barrier, arming and disarming alarm systems, as well as those applications calling for emergency duress. They are most commonly found installed in gated communities, parking garages, and high-end private residences. The Ranger Receiver was designed to output Wiegand data and install similar to a *Pyramid Series Proximity*® reader making for easy integration with most access control systems.

Advanced Technology

- 433 MHz: UHF frequency offers up to 150-feet of read range
- Two Wiegand outputs standard, allowing control of two gates from a single receiver

Strong Security

- Rolling code combined with sophisticated encryption between Transmitter and Receiver provides best-in-class security
- Supports MAXSecure®

Easy Installation

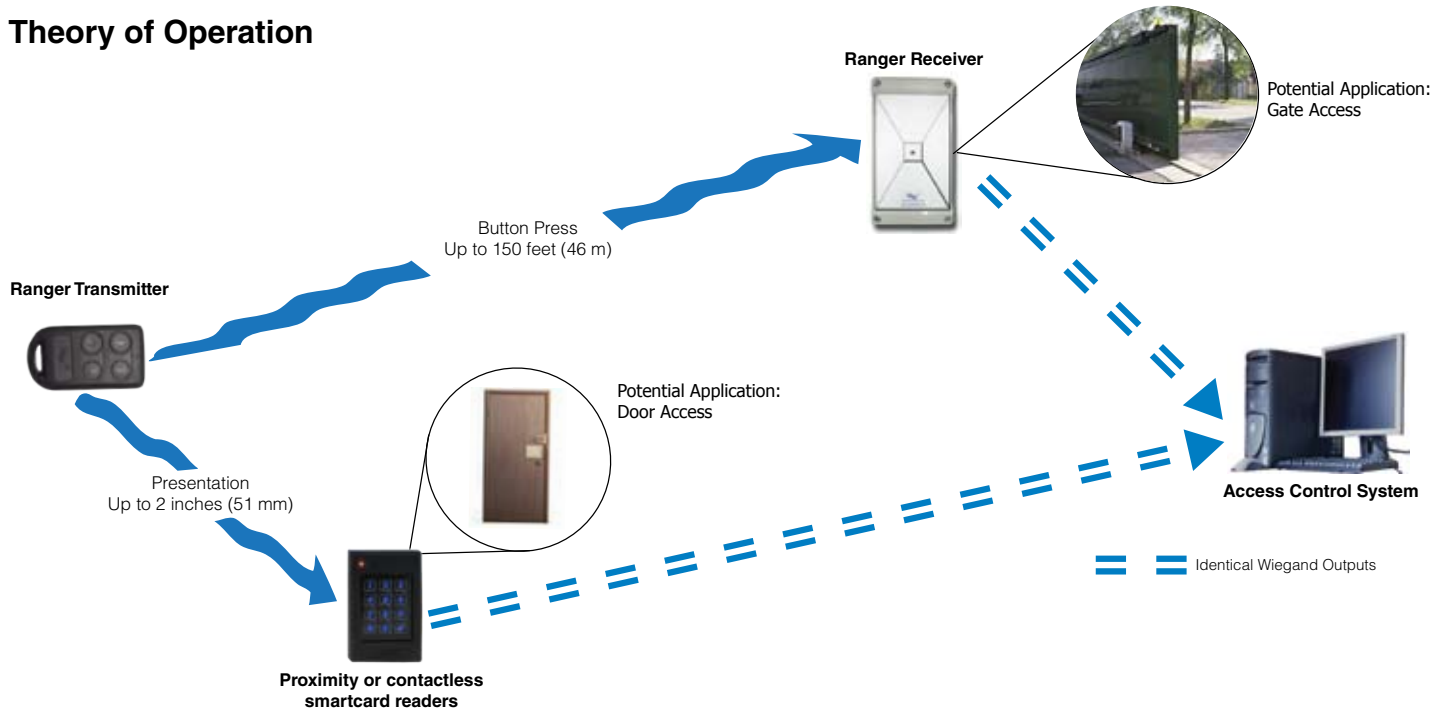
- Weather resistant enclosure allows both indoor and outdoor installation
- Front mounted, multi-color LED (switchable to off) indicating Transmitter read status
- Receiver includes a drill template providing mounting provisions to USA or European wall boxes
- Running of conduit is simplified by the straight walls of the Receiver's enclosure
- Pre-drilled holes in the four corners allow installation to flat surfaces

Additional Features

- Adjustable read range; simply rotate the knob found inside the enclosure
- Compatible with Ranger model WRT-2+ and WRT-4+ Long Range Transmitters

¹ Addresses the risks associated with code sniffing and unauthorized duplication.

Theory of Operation



Specifications

Dimensions:	6.3 x 3.4 x 2.3 inches	Power Supply:	Linear supply recommended
Current Draw:	80mA typical	Operating Temperature:	-40° C to +65° C
Input Voltage:	8 to 24 VDC	Cable Distance:	Up to 500 feet (152.4 m)
Transmit Frequency:	433 MHz	Audio Tone:	Standard internal beeper; switchable to off
Weight:	9.3 oz. (289.3 g)	LEDs:	Standard internal and external; switchable to off
Read Range:	Installer Adjustable, up to 150 feet (46 m)	Certifications:	FCC, IC, CE, and C-Tick
Mounting:	USA/European wall box or any flat surface	Compatibility²:	WRT-2+ Ranger 2-Button Long Range Transmitter WRT-4+ Ranger 4-Button Long Range Transmitter
Enclosure:	Off-white IP66/NEMA4 compliant plastic enclosure (Dust & Moisture Resistant)	Warranty:	The WRR-42 carries a limited 1-year warranty against defects in material and workmanship
Formats:	Wiegand (26-bit Industry standard and custom Wiegand formats)	Channels:	2 channels, A or B; installer selectable
Wiegand Outputs:	2 per channel	Secure Transmission:	Rolling code + Encryption

²WRT-2+ and WRT-4+ replace WRT-4 and WRT-1