



# WRR-44 LONG-RANGE RECEIVER



## Ranger<sup>®</sup> Long-Range



Frequency: 433 MHz  
Read Range: Up to 200 feet (61 m)



MAXSecure<sup>™</sup>  
Unique Security Feature



ETL Listed  
Independently Tested and Certified to Conform to UL Standard 294



Warranty  
One-Year Warranty



Wiegand  
Output Interface



U.S. or European Wall-Box Mount  
Box & Flat Surfaces



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Ranger from Farpointe Data sets the electronic security benchmark for high frequency, long-range identification Receivers and Transmitters. Based upon proven contactless digital ultra high frequency (UHF) technology, the Ranger Receivers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and up to 200 feet of read range (WRR-44). Additionally, Ranger Transmitters are active devices, powered by the most reliable and common battery, and equipped with a potted proximity or contactless smartcard module. The modules can be ordered to support several proximity reader technologies and allow the Transmitter to be used as a close-range credential.

Specifications	WRR-44
Technology	Long range
Frequency	433 MHz
Mounting <sup>1</sup>	USA/European wall box or any flat surface
Dimensions	3.4" W × 6.3" H × 2.3" D (86.4 mm × 160 mm × 58.4 mm)
Transmission	Rolling code + encryption
Weight	12 oz (340 g)
Certifications	FCC, ICC, CE, UL Standard 294 <sup>2</sup>
IP Code <sup>3</sup>	IP65
Voltage <sup>4</sup>	12 VDC nominal
Current Draw	120 mA typical @ 12 VDC
Read Range <sup>5</sup>	Up to 200 feet (61 m), installer adjustable
Cabling <sup>6</sup>	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface <sup>7</sup>	Wiegand (26 bit industry standard and custom Wiegand formats)
Operating Temperature	-40° F to 149° F (-40° C to +65° C)
Enclosure Color	Off-white plastic enclosure with black label
Audio Tone	Beeper included standard, installer switchable
Indoor & Outdoor Installation	Electronics sealed in a weather-resistant, UL listed enclosure
Warranty	12 months
LED	Four-state standard (red, green, amber, and off), installer switchable, as well as Power (blue) and Channel (green)
Transmitters Supported	WRT-2+ (all variants) WRT-4+ (all variants)

### NOTES:

- Receiver includes a drill template providing mounting provisions to USA or European wall boxes, and pre-drilled holes in the four corners allowing installation to any flat surface. Mounting to metal may affect read range.
- Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294.
- Self evaluated.
- Linear power supplies are recommended for best operation.
- Rotate read range dial on the receiver to adjust. Receiver range covers a 360-degree radius and does not need to be installed in line-of-sight to the Transmitters to function. Read range can be extended using a separate dipole antenna attaching to Receiver's on-board BNC connector.
- For example, Belden 9540 or similar, wiring to a 10-Pin pluggable terminal block.
- Supports four channels per Receiver, supporting Transmitter buttons 1, 2, 3, and 4.

Farpointe Data reserves the right to change specifications without notice.



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