

WRR-44 & WRT-4

Long Range Receiver & Transmitters



Introduction:

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 61 meters 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.



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Main Features - WRR-44 Long-Range Receiver

- ✓ Fully Adjustable Read Range up to 61 Meters
- ✓ Interface: Wiegand 26 bit industry standard
- ✓ Frequency: 433MHz
- ✓ Supports four channels per receiver, supporting Transmitter buttons 1, 2, 3 & 4
- ✓ IP65 Rating
- ✓ Transmitters can be used as both a long-range and standard access credential
- ✓ Operating Temp: -40° C to +65° C Status LED's
- ✓ Ideal for parking facilities, gated communities, marinas and more
- ✓ Transmission: Rolling code + encryption
- ✓ Compatible with **ACT Enterprise, ACT365, SiPass Integrated, SPC**



Key Features WRR-44 Long Range Receiver

- For indoor/outdoor use
- Works with ACT Enterprise
- AES 128bit Encryption

Key Features WRT-4+ Long Range Transmitter

- IP65 Rating
- Works on multiple platforms
- AES 128bit Encryption
- Works with HID Readers
- Slot-Punch- Built-in Eyelet for Easy Carrying



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Product/Technical Specification	WRR-44 LONG-RANGE RECEIVER	WRT-4+ LONG-RANGE TRANSMITTERS
Vanderbilt Material Number	N54504-Z121-A100	N54504-Z124-A100
Voltage	12 VDC nominal	N/A
Current Draw	120 mA typical @ 12 VDC	N/A
Operating Environment	Surface mounting, Internal/External	N/A
Environmental Temperature	-40 to +65° C	-40° C to +50° C
Dimensions (H x W x D mm)	86 x 160 x 58	37 x 64 x 14
Weight (Kg)	0.41Kg	0.03kg
Enclosure Material	Polycarbonate	Polycarbonate w/ ABS Buttons
LED Status Indicators	Yes	Yes
Battery	N/A	Replaceable CR2032, 3.3V
IP Rating	IP65	IP65
Interface	Wiegand (26-bit)	Wiegand (26-bit)



Ordering Information

N54504-Z121-A100	WRR-44 Long-Range Receiver
N54504-Z124-A100	WRT-4+ Long-Range Transmitter

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