

# R100E Receiver Data Sheet

## Eight Output Receiver



The R100E receiver is an eight I/O receiver designed to be powered from a 12VDC or 24VDC system. The eight function outputs may be user programmed for a variety of switching modes ensuring this flexible receiver will meet your requirements. The switching modes include: momentary; latched; and latched interlocked with programmable delay. In addition to the eight primary functions, the R100E supports a ninth optional output. Using OMNEX's Trusted Frequency Hopping Spread Spectrum technology, this receiver delivers superior performance and reliability under the harshest conditions.

### Remote Control Solutions

### OMNEX Radio Remote Control is:

**Safe, Accurate & Reliable**

**Customizable**

**Global & License Free**

**Interference Free (FHSS)**

**Maintenance Free**

### OMNEX will save you money by:

**Increasing Operator Productivity**

**Reducing Unnecessary Manpower**

**Eliminating Pendants and Wiring**

**Increasing Machine Revenues**

### FEATURES

- Eight I/O combinations
- Diagnostic indicators
- Factory configurable for custom applications
- User programmable
- Compact
- Weatherproof

### APPLICATIONS

- Truck Mounted Cranes • Tow Trucks
- Winches • Vacuum Trucks • Service Cranes • Mixer Trucks • Material Handling Equipment • Marine

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### Compatible Transmitters

Outputs	8 digital plus Link + E-stop relay
Output Type	Current sourcing
Indicators & Diagnostics	One LED per output, nine status LEDs
Security	ID code programmed from transmitter, CRC-16 error detection
Power	9 -32VDC
Operating Temperature Range	-40 °F to 158 °F (-40 °C to 70 °C)
Size	4.0" x 4.0" x 1.2" (100mm x 100mm x 30mm)
Weight	.85lbs (390g)
Construction	High impact plastic, epoxy potted, conformally coated, UL 94, 746A, C, D, IEC 60695-2-20
Frequency	902 to 928MHz - ISM band 2.4 - 2.483GHz
Antenna Connector	BNC (external) or internal
Approvals / Certificates	USA - FCC Part 15 Class B Canada - ISC RSS 210 European Union - CE (#0359) Australia - C-Tick
Environmental	IEC 61000-4-3 (30V/m) IEC 60068-2-6



T100 - 8(16)-Function Hand-Held Radio Remote Control



T110 - 10(20)-Function Hand-Held Radio Remote Control



T150 - 14-Function Hand-Held Radio Remote Control



T300 - 31-Function Radio Remote Control

*Specifications subject to change without notice*

### Accessories



External Antenna & Cable