



# R8 Series Data Output Receiver

Compact radio receiver with data output - Modbus, BACnet, CAN, or Profinet



## FEATURES

- Compact Size**  
 Easily integrated in tight control panels. Fits in 3" x 3" area.
- Long-Range communication**  
 Long-range 2.4GHz radio link for reliable outdoor line-of-sight operation to 1,000 feet. High power 900MHz model available for reliable line-of-sight communication up to 3 miles with directional antenna.
- Easy Integration**  
 Popular output types for compatibility with BAS systems, PLC's and DAQ's, automotive and hydraulic CAN controllers, and industrial automation systems.
- Flexible antenna options**  
 RZ8 standard range and RE8 extended range models include RP-SMA connected rubber duck. Optional external wire whip for extended range. Yagi available for improved performance.

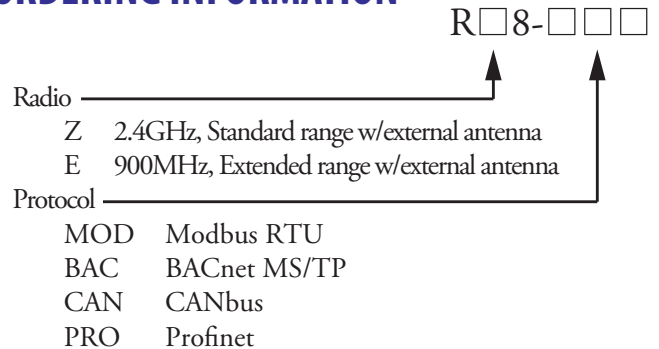
## MODELS

R8-MOD (Modbus RTU) and R8-BAC (Bacnet MS/TP) models are ideal for data aggregation. Integrates easily into BAS systems or PLC's. Compatible with T8 series transmitters for pulse meter monitoring, sensor data acquisition, and weather station applications. USB port and application software provided for easy setup and configuration. Each receiver can store data from multiple transmitters.

R8-CAN version ideal for integration with CAN based controllers for vehicle and machine control. CAN messages can be factory customized for specific applications. Compatible with popular Miratron transmitter styles and CAN I/O modules.

R8-PRO (Profinet) version for industrial networking and automation. Factory configurable for specific customer applications. Compatible with popular Miratron transmitter styles.

## ORDERING INFORMATION



Consult factory for custom pointmap options.

## SPECIFICATIONS

<b>Power Output</b>	<b>Power Supply</b>	5 to 24 VDC, 200mA max.
	-MOD	Modbus RTU Serial, 9600 baud 8N1
	-BAC	BACnet MS/TP, consult factory for specifications
	-CAN	Factory configurable CAN messages
	-PRO	Profinet compatible
<b>Radio</b>	<b>Frequency</b>	2.4GHz (RZ8) or 902-928MHz (RE8), Unlicensed ISM band, direct FM
	<b>Range (RZ8)</b>	1,000 ft. line of sight
	<b>Range (RE8)</b>	1 mile outdoor line-of-sight. 3 miles with optional directional antenna
<b>Enclosure</b>	Thermoplastic, 3" w x 2.75" h x 1" d, with molded-in mounting brackets	