



# Energy and Environmental data radios

Wireless Solutions for Building Automation and Energy Service Projects



## FEATURES

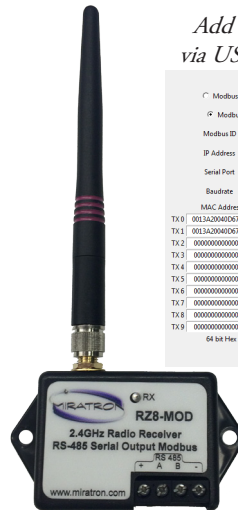
- Long range reliability  
Up to 3-mile range outdoor line-of-sight. Proven frequency hopping technology.
- Battery, solar, or externally powered  
Long life battery with optional solar charging.
- Waterproof and rugged  
Withstands harsh outdoor environments.
- BACnet MS/TP or Modbus RTU  
Easy integration with BAS panels, DAQ's and PLC's.
- Universal inputs  
Field selectable inputs: vdc, mA, or thermistor.

## OPTIONS

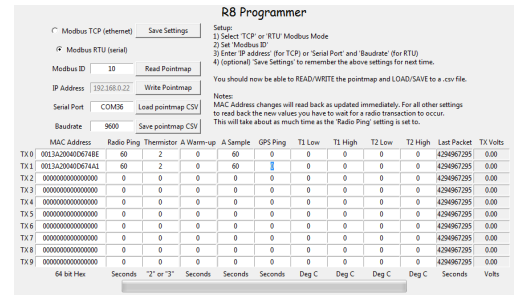
- Sensors  
Integrated high-accuracy, low power RH/T sensor probe with sintered metal filter and solar shield.
- Antennas  
Long range directional and broad coverage omni models available.
- Mounting Brackets  
Pole mount hardware kits available.

## SERIAL OUTPUT RECEIVER

- Serial I/O options  
RS-485 serial available in BacNET MS/TP or Modbus RTU
- Compact package  
Small size fits easily in control panels.
- External antenna  
Remote mounted antenna options for broad, omni-directional coverage or targeted, long-range performance.



Add and remotely configure transmitters easily via USB connection on receiver, or over Ethernet.



# FEATURE COMPARISON

FEATURE	DLX for Weather Stations	LTE for Analog Sensors	SML for Pulse Meters
Radio	900MHz extended range up to 3 miles, or 2.4GHz standard range up to 1000 feet		
Enclosure	Coated steel, NEMA 4, w/padlock hasp	NEMA 4 Polycarbonate	NEMA 4 Polycarbonate
Analog Inputs	4 x Switch selectable 0-5v/0-10v/4-20mA	2 switch selectable inputs	None
Thermistor Inputs	2 x Dedicated thermistor inputs	Thermistor, voltage, or current (mA)	Built-in probe or thermistor input
Pulse Counting Inputs	No	No	1 or 2
OA RH/T Probe option	Yes	Yes	No
Soil Tension	1 x Dedicated vacuum sensor input	Use with analog input	No
GPS option	Yes	No	No
Power options	Solar, Battery, or externally powered.		
Battery Type	High Capacity LiFePO4	2 x "AA" alkaline	2 x "AAA" alkaline

# SYSTEM TOPOLOGY

