



BinTrac RM200 Specifications

Description:

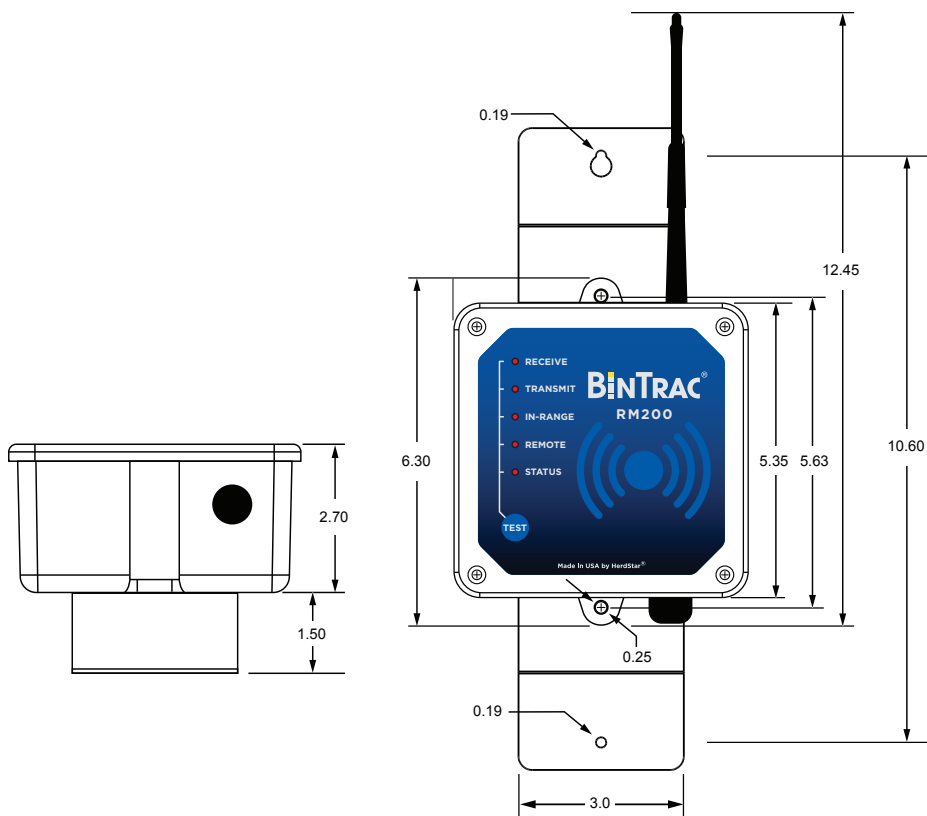
The RM200 is a LoRa-based radio that enables wireless data transmission from a BinTrac Weighing System (up to 99 indicators) to a matching BASE radio connected to a BinTrac Communication Hub (Gateway). Each RM200 can transmit data from up to four BT200/BT260 indicators. Transmission range is up to 4 miles line of sight.



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Transceiver:	Ultra-low power LoRa module
Communications Interface:	COM IN port: Connects to BT200/BT260 COM OUT port COM OUT port: Used when connecting to remote BT200/BT260
Terminal Block Connections:	12V PWR +/- COM IN +/- COM OUT +/-
Front Panel LEDs:	STATUS - Solid when communicating to BT200/BT260 TRANSMIT – Lights when transmitting data RECEIVE – Lights when receiving data REMOTE - Turns on when set for REMOTE IN-RANGE - Turns on when in Range with Base Radio
TEST Button:	Press to Test Signal Strength of system for REMOTE
On-Board RESET Button:	Provides a hardware reset
Antenna Connection:	2 dbi Antenna
Transmission Range:	Up to 4 miles (line of sight)
Operating Input Voltage Range:	10.5 VDC - 13.5 VDC
Operating Temperature Range:	-40°C to +60°C (-40°F to +140°F)
Humidity:	5% to 95% (non-condensing)
Enclosure:	6.3"H x 5.35"W x 2.7"D PVC enclosure
Enclosure Rating:	IP54
Agency Approvals:	FCC Class A



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