



## BinTrac RM200B Specifications

### Description:

The RM200B is a LoRa-based hardware device that enables wireless data transmission from a BinTrac Bin Weighing System to a BARNTOOLS BarnTalk Gateway. The RM200B is wired to a single BT200 or BT260 indicator with up to 4 bins connected. Bin scale data is transmitted to the gateway every 15 minutes and transmission range is up to **700 ft** line of sight.



## BinTrac RM200B Specifications

<b>Transceiver:</b>	Ultra-low power LoRa module
<b>Communications Interface:</b>	COM IN port: Connects to BT200/BT260 COM OUT port: Used when connecting to remote BT200/BT260
<b>Terminal Block Connections:</b>	12V PWR +/-   COM IN +/-   COM OUT +/-
<b>Front Panel LEDs:</b>	STATUS - Flashes when communicating to BT200/BT260 TRANSMIT - Lights when transmitting data RECEIVE - Reserved for future use
<b>TEST Button:</b>	Transmits data to BARNTOOLS BarnTalk Gateway
<b>On-Board RESET Button:</b>	Provides a hardware reset
<b>Antenna Connection:</b>	2 dbi Antenna
<b>Transmission Range:</b>	Up to 700 ft (line of sight)
<b>Data Transmission Rate:</b>	Every 15 minutes
<b>Operating Input Voltage Range:</b>	10.5 VDC - 13.5 VDC
<b>Operating Temperature Range:</b>	-40°C to +60°C (-40°F to +140°F)
<b>Humidity:</b>	5% to 95% (non-condensing)
<b>Enclosure:</b>	6.3"H x 5.35"W x 2.7"D PVC enclosure
<b>Enclosure Rating:</b>	IP54
<b>Agency Approvals:</b>	FCC Class A

