

# BULLHORN RM5

Fewer trips. Faster stops.  
Better compliance.

Engineered from the ground up for better reliability, the next-generation Bullhorn RM5 remote monitors put field personnel needs front and center.

## THE MOST RUGGED BULLHORN EVER

The Bullhorn RM5's new design increases protection against water, dust, shock, and insects, and it offers the best surge resistance in the industry. It is rigorously tested in the harshest conditions against surge across the entire system, not just certain components.

## 3X FASTER INSTALLATION

Just 1/6th the size of previous generation models, the RM5 will fit in even the smallest rectifier cabinets. Its modular design provides flexible mounting options to make installation more convenient. And with easy-to-use magnetic mounts standard with every kit, installation is faster than ever. Built-in Bluetooth lets you ditch cords, dongles, and accessories.

## SEAMLESSLY CONNECTED FIELD AND OFFICE

Customizable sampling, reporting, and alarm parameters get you the exact data you need, on the schedule you want. And the RM5 integrates seamlessly with Bullhorn Web, PCS, and other American Innovations solutions to accelerate workflows throughout your organization.



## BULLHORN RM5 HIGHLIGHTS

- ✓ Industry-leading surge protection
- ✓ Full 3-year warranty, including surge
- ✓ Streamlined Bullhorn Web and PCS integration with SOC2 compliance
- ✓ Ultra-small footprint with new magnetic mounting
- ✓ Weather sealed for enhanced durability
- ✓ Wireless configuration via iOS/Android app or Bullhorn Web
- ✓ LTE-M cellular connectivity
- ✓ Instant-off, GPS-synchronized interruption with enhanced real-time monitoring
- ✓ Configurable reading schedule and alarms, plus 24-hour battery backup and field-replaceable battery

# BULLHORN RM5 SPECIFICATIONS

## INPUTS

<b>Channels</b>	4 analog + 2 digital channels
<b>Max DC Voltage</b>	+/-150Vdc
<b>Max AC Voltage</b>	100V
<b>Accuracy</b>	+/- 2% of range. Ranges: +/-1.25V, +/-2.5V, +/-5V, +/-63.75V, +/-127.5V, +/-255V. Ranges can handle simultaneous DC and AC voltages
<b>Input Impedance</b>	20 Meg ohms
<b>Channel-to-Channel Isolation</b>	>250Vdc
<b>Surge Immunity</b>	The RM5 system survives 30kV peak-to-peak, 300ms transients. Includes full 3-year warranty.

## DIGITAL

<b>Minimum Logic</b>	<1.1V for logic low
<b>Maximum Logic</b>	>1.1V for logic high, 20Vmax

## INTERRUPTION

<b>Interruption Verification</b>	Every five minutes
<b>Maximum Current</b>	500mAdc
<b>Output Voltage</b>	10-14Vdc
<b>Minimum Switching Cycle</b>	1s
<b>On/Off Cycle Increments</b>	100ms
<b>Relay Support</b>	System surge rating maintained only with REL2510 100V/100A AC SSR. Use AI Lightning Arrestor if using other relays (Mercury or Solid State).

## POWER

<b>Input</b>	12Vdc
<b>Power Source</b>	RM5 Power Supply providing Output of 12Vdc @ 1A Max with Input of 10-42Vac/dc @ 3A Max

## COMMUNICATIONS

<b>Cell Network</b>	LTE-M
<b>GPS</b>	GPS Network, Accurate to 5m

## DIMENSIONS

<b>Dome</b>	4" x 6.4" x 2.2"
<b>IO</b>	2.4" x 4.88" x 1.1"
<b>Terminal Blocks</b>	1.38" x 2.48" x 0.75"
<b>Power Supply</b>	1.85" x 4.37" x 1.09"
<b>Relay</b>	2.98" x 5.5" x 0.84"

## ENVIRONMENTAL SPECS

<b>Temperature (IO &amp; Dome)</b>	-30° C to +60° C
<b>Humidity (Dome)</b>	0 - 100%
<b>Humidity (Other)</b>	0 - 95%

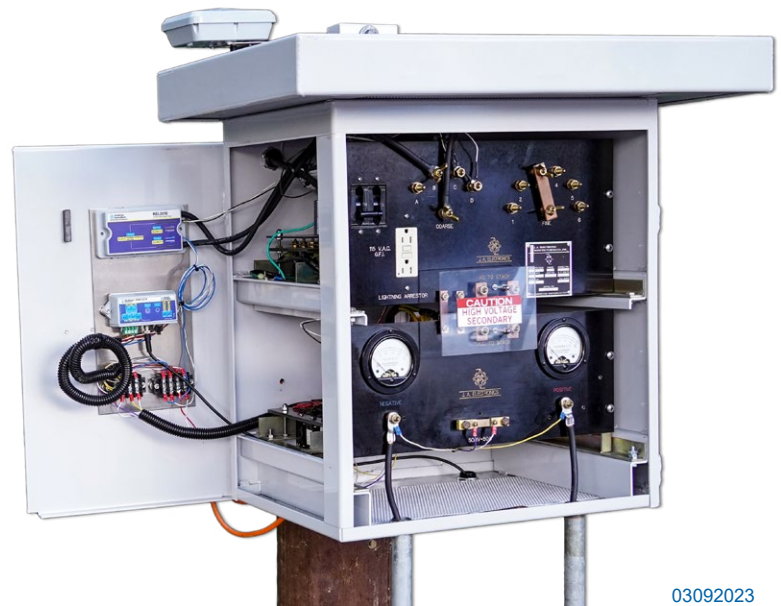
## CERTIFICATIONS

### FCC

Industry Canada

## DATA

<b>Memory</b>	EEPROM
---------------	--------



03092023