

BULLHORN RM5

Fewer trips. Faster stops.
Better compliance.

Engineered from the ground up for better reliability, the next-generation Bullhorn RM5 remote monitors puts 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

Channels	4 analog + 2 digital channels
Max DC Voltage	+/-150Vdc
Max AC Voltage	100V
Accuracy	2% of all ranges. Ranges: +/-1.25V, +/-2.5V +/-5V, +/-63.75V, +/-127.5V, +/-255V. Ranges can handle simultaneous DC and AC voltages
Input Impedance	20 Meg ohms
Channel-to-Channel Isolation	>250Vdc
Surge	The RM5 system survives multiple surge transients of both long and short duration including 2000 msec sustained 40KV peak-to-peak 2000 VA lightning induced power fault transients. The RM5 system also withstands ultra-short rise time transients over 30 KV using a 50 uS waveform. Includes full 3-year warranty.

DIGITAL

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

INTERRUPTION

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

POWER SUPPLY

Input	12Vdc
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COMMUNICATIONS

Cell Network	LTE-M
GPS	GPS Network, Accurate to 5m

DIMENSIONS

Dome	4" x 6.4" x 2.2"
IO	2.4" x 4.88" x 1.1"
Bond Enclosure	8.43" x 18.65" x 4.58"
Terminal Blocks	1.38" x 2.48" x 0.75"
Power Supply	1.85" x 4.37" x 1.09"
Relay	2.98" x 5.5" x 0.84"

ENVIRONMENTAL SPECS

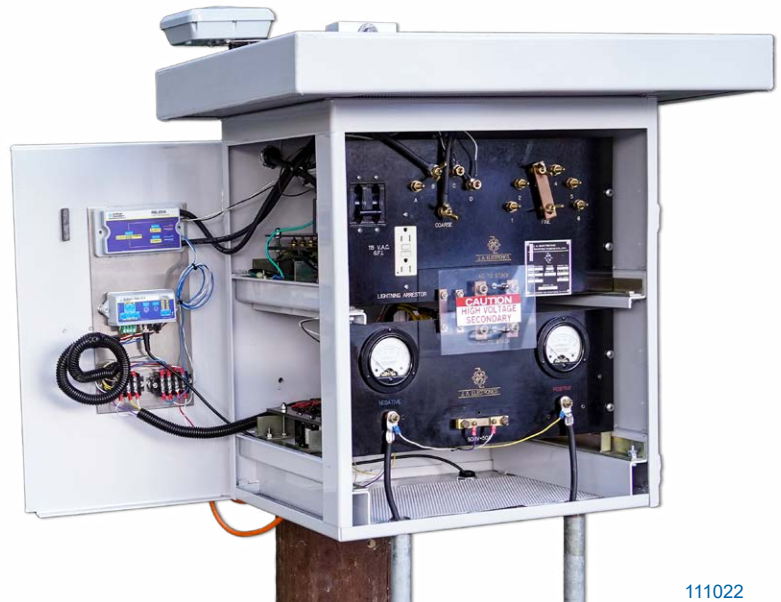
Temperature (IO & Dome)	-30° C to +60° C
Humidity (Dome)	0 - 100%
Humidity (Other)	0 - 95%

CERTIFICATIONS

FCC
Industry Canada

DATA

Memory	EEPROM
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