

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 or Iridium satellite connectivity options
- ✓ 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 range. 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 Immunity	The RM5 system survives 30kV peak-to-peak, 300ms transients. 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 Arrestor if using other relays (Mercury or Solid State).

POWER

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

COMMUNICATIONS

Cell Network (RM510C)	AT&T
Satellite Network (RM510S)	Iridium
GPS	GPS Network, Accurate to 5m

DIMENSIONS

Dome	4" x 6.4" x 2.2"
IO	2.4" x 4.88" x 1.1"
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 (Dome, IO, PS, and Relay)	-30° C to +60° C
Humidity (Dome)	0 - 100%
Humidity (IO, PS, and Relay)	0 - 95%

CERTIFICATIONS

FCC

Industry Canada

DATA

Memory	EEPROM
--------	--------

Product Training & Enablement

Scan the QR code to access
Bullhorn RM5 training content



01232024



LEARN MORE: aiworldwide.com/bullhorn

aiworldwide.com • 800-229-3404 • info@aiworldwide.com
12211 Technology Blvd. Austin, TX 78727