

Bullhorn RM4210 & RM4250 Remote Monitoring Units



Continual Tracking of the AC Corrosion Threat

EFFORTLESS INSTALLATION

Installation takes just a few minutes! Simply connect the remote monitoring unit to the test station, plug in the batteries, and affix it to the top of the test station or pole. When using a Triton[®] Test Station, the process is even quicker, as they are designed to plug directly into a Bullhorn remote monitor.

SIMPLE SETUP & AFFORDABLE DATA PLANS

Easily configure your remote monitoring units in the field with Bullhorn[®] Tools via Bluetooth, or enjoy the convenience of configuring from your office using Bullhorn Web. With built-in Bluetooth, there's no need for extra adapters—streamlining your setup has never been easier! Reach out to your salesperson today to discover our affordable data plans and elevate your operations with seamless connectivity.

PRECISION YOU CAN TRUST

Achieve exceptional accuracy with one percent reading precision throughout the entire range, thanks to our auto-calibration and auto-zero features for every measurement. For instance, a 1 mV measurement is accurate within ± 10 microvolts, ensuring you get reliable results every time. This level of accuracy is crucial, especially when working with small AC coupons. Experience peace of mind knowing your measurements are consistently precise!

REPORTING MADE EASY

Quickly pinpoint problem areas and assess mitigation effectiveness with flexible reporting and graphical analysis.

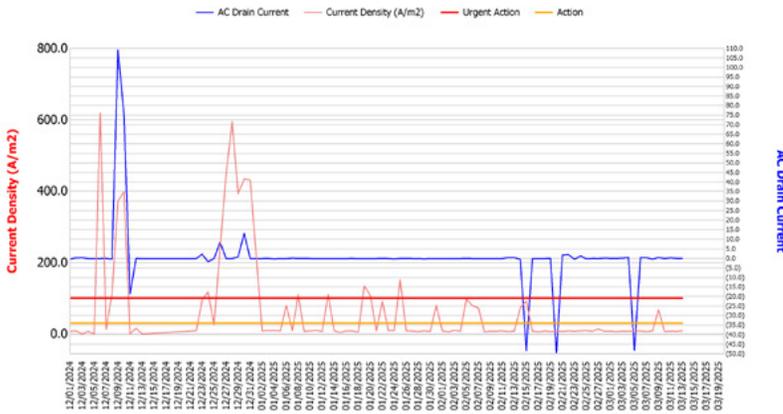
MONITOR AC COUPON TEST STATIONS WITH:

- ✓ 2 Current Channels for AC & DC Current Densities
- ✓ 3 Voltage Channels for AC & DC Potentials, Instant Off and a Decoupler
- ✓ Satellite or Cellular Communication



BULLHORN RM4210 & RM4250 SPECIFICATIONS

CFPL CTS 16 MP 36.380 PCR 32-3 12/01/2024 - 03/19/2025



SIMPLIFIED REPORTING

Access easy-to-read reports and graphs that assist you in monitoring key risk factors, such as AC current density.

INPUTS

Readings: AC current density, DC current density, AC pipe-to-soil, DC pipe-to-soil, PCR
AC current drain or voltage, instant off

DC Voltage Range: ±100 V

AC Voltage Range: 0-100 V

AC Current Range: 0-200 mA

Input Impedance: 10 MΩ

Channel-to-Channel Isolation: > 200 V

INSTANT OFF

IR drop edge delay: IR drop edge delay: 200 ms

CONFIGURATION

Bullhorn Tools Mobile via Bluetooth

COMMUNICATIONS

RM4210 - IsatData Pro Satellite (Inmarsat)

RM4250 - LTE Cat-M Cellular (AT&T)

SOFTWARE INTERFACE

Bullhorn Web

Bullhorn Tools for iOS and Android

POWER SUPPLY

Internal, field-replaceable primary and secondary batteries

3-7 year life when recording measurements hourly or daily with weekly transmissions

Additional solar or DC input voltage: 10-24 V DC

DIMENSIONS

Ø 6.06" x 3.96" H (8.22" H with test station adapter)

DATA INTEGRITY

Data stored in nonvolatile (EEPROM) memory

Queued two-way communication (communication to the RMU is queued in Bullhorn Web and is sent the next time the unit wakes up to transmit)

ENVIRONMENT

Temperature -30° C to +60° C

SAFETY AND COMPLIANCE

Tested Safety Standards:

CAN/CSA C22.2 No. 61010-1-2012

CAN/CSA C22.2 No. 61010-2-030:2012

UL61010-1:2012

UL61010-2-030:2012