



Rainfall Intelligence Without the Field Visits

Turn virtually any tipping-bucket rain gauge into a connected rainfall monitoring station. Monitor rainfall activity with confidence from anywhere using near real-time data, automated alerts, and remote access to critical storm information. Stay informed and respond faster to changing weather conditions without the need for routine field visits.



FLEXIBLE

Designed with multiple mounting solutions and applications.



ROBUST

Stainless steel and polycarbonate enclosure reinforced with glass fiber resin.



CONNECTED

4G LTE-M Wireless communication, or USB for seamless integration.

RAINALERT III APPLICATIONS

Rainfall Event Analysis

Capture and share rainfall depth and intensity data at user-defined intervals with time-stamped records and automated alarming.

Inflow & Infiltration Analysis

Correlate high-resolution rainfall data with flow response to identify I&I sources and improve system performance.

Rainfall Alarming

Receive advance notice of rainfall events to support operational readiness, modeling efforts, and overflow mitigation.

Sewer Capacity Studies

Use reliable rainfall data to support sewer capacity evaluations, hydraulic modeling, and overflow reporting activities.

KEY ADVANTAGES OF THE RAINALERT III



MULTI-YEAR LOW MAINTENANCE

Extended battery life and onboard data storage minimize maintenance demands and site visits.



AUTOMATED ALERTS

Real-time notifications help teams respond quickly and stay ahead of critical rainfall events.



ENHANCED NETWORK VISIBILITY

Improve network visibility with accurate, site-specific rainfall monitoring.



INTEGRATION READY

Easily integrates with ADS, third-party tipping buckets, and existing SCADA infrastructure.

THE RAINALERT III DIFFERENCE

The ADS RAINALERT III turns any tipping bucket rain gauge into a smart, rugged, connected rainfall monitor; capturing accurate, real-time precipitation and intensity data with flexible wireless alarming and reporting. Built for temporary or multi-year field deployment and seamless integration with ADS PRISM™, giving water and wastewater professionals the trusted rainfall intelligence they need to protect public health and the environment.

THREE MOUNTING OPTIONS

Compact design supports ground, pole, or rooftop mounting to fit virtually any site.



GROUND MOUNT



POLE MOUNT

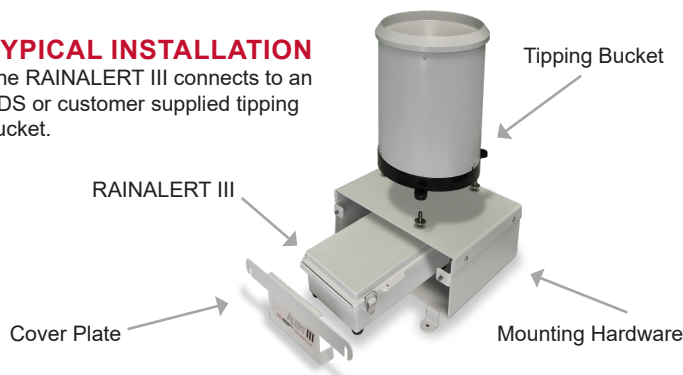


ROOF MOUNT

EASY INSTALLATION, SETUP & USAGE

TYPICAL INSTALLATION

The RAINALERT III connects to an ADS or customer supplied tipping bucket.



SIMPLE INSTALLATION

Compact design supports ground, pole, or rooftop mounting to fit virtually any site.

BETTER DECISIONS

Improves coordination between operations management and field crews.

BUILT TO LAST

NEMA 4X, IP67, and UL-rated polycarbonate enclosure withstands harsh outdoor conditions.

DATA WHEN AND WHERE YOU NEED IT

Global 4G LTE-M wireless communications with 2G fallback.

SEAMLESS INTEGRATION WITH ADS ECOSYSTEM



RAINALERT III



TIPPING BUCKET



ANALYTICS SOFTWARE

SPECIFICATIONS

Parameter	Value
Data Storage	700+ days for two stored entities (Rain and Rain Intensity)
Battery Life	Up to 3 years depending on operating temperature, modem power management & communications frequency
Operating conditions	Temperature: -4°F to +140°F (-20°C to +60°C)
Resolution	0.01 inch/tip (United States) 0.1, 0.2, 0.5, 1.0 mm/tip (International)

For More Information, contact ADS at adssales@idexcorp.com