



## Water Detection Sensors

### ***Wireless Water Detection Smart Sensors***

**Prevent Water Damage by Sensing Leaks Before They're a Problem.**

Mitigate water leakage the moment it's discovered with real-time alerts from the AlegnaSense™ Remote Early Warning Software Management Platform.

Water leaks and flooding can come from various sources—frozen pipe bursts, clogged drains, malfunctioning air conditioning units, groundwater, stormwater, plumbing and fixtures, server cooling systems, and many more. Alegna's water leak sensors can help you keep uptime high by sending alerts about leaks before they cause significant damage. Our Water Rope, Detect+, and Disc Sensors placed strategically throughout your facilities can be your best protection against potential damage from water intrusion.

### **Prevent The Ripple Effects of Water Damage**

Life-sustaining, yet wholly destructive, water damages, sickens, and injures.

This is why businesses use Alegna's Water Detect Sensors—if a leak occurs, an alert is issued via email, or call. Early detection helps prevent mold growth, slip and falls, or extensive damage to mission-critical systems.

### **More Ways to Monitor for Leaks & Spills**

Data centers, factories, mixed-use retail centers—no two are alike. This is why Alegna offers a broad range of water detect sensors and custom smart monitoring solutions.

### **Benefits & Savings**

- In 15 minutes, setup an Alegna Water Detection Sensor to detect hazards.
- Leak monitoring also helps economize operations as leaky pipes lose six billion gallons of water daily in the U.S. alone. So, guard occupants, assets, and the bottom line.

### **Applications**

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- Data Center and Server Room Leak Monitoring
- Frozen or Burst Pipe Monitoring
- Reservoir Level Monitoring
- Water Heater Leak Detection
- Sink and Toilet Leak Detection
- Storage Unit Monitoring
- Water Intrusion Monitoring

## Smart Sensor

### **Features**

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

### **Benefits**

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

**NOTE: SEE MORE SMART SENSORS BELOW.**

# ***Wireless Water Rope Sensors***

## **Prevent the Ripple Effects of Water Damage**

It starts with a pinpoint leak Thursday night. It ends with soggy servers Sunday morning.

Data loss, irreparable damage, lost revenue—all could have been avoided through the early detection of an Alegna™ Wireless Water Rope Sensor.

## **Water Intrusion Detection Keeps the Unpredictable Under Control**

**Be Alerted Anytime, Anywhere by a Wireless Leak Monitoring System.**

## **Get the Right Protection, Right Now**

Available in Power over Ethernet, commercial, enterprise, and industrial-grade sensor types, you can deploy these devices in the restrooms above your server room, below leak-prone boilers, or in attendance areas. They are also ideal for high-traffic walkways where standing water threatens safety.

## **How Water Rope Sensors Work**

When liquid contacts a sensor's conductive polymer rope, the sensor instantly activates its onboard radio and transmits water presence data to the AlegnaSense's Sensor Configuration and Management Software Platform. This facilitates a near-instantaneous text, call, or email alert.

## **Applications**

- Data Center and Server Room Leak Monitoring
- Frozen or Burst Pipe Monitoring
- Reservoir Level Monitoring
- Water Heater Leak Detection
- Sink and Toilet Leak Detection
- Storage Unit Monitoring
- Water Intrusion Monitoring

## Choose the Right Smart Sensor for You!

**Commercial AA-Battery Powered:** Our most popular type is ideal for typical commercial & enter environments, such as server rooms. A 1,200+ ft. range readily covers most facilities.

**CC-Battery Powered:** Compact sensor is great for space-restricted areas such as control cabinet cold storage.

**Industrial:** Sensor's weatherproof, NEMA-rated enclosure withstands demanding indoor/outdoor e.g., warehouses & production facilities.

**PoE•X:** Power over Ethernet sensors integrate with a building's PoE network; it can also be used standard Ethernet infrastructure & powered via an optional AC adapter.

## Smart Sensor Features & Benefits

### Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
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# ***Water Detect + Smart Sensors***

## **The Plus Side of Early Detection**

Instant alerts from Alegna's Water Detect+ Sensors help defend against weather, faulty plumbing, equipment failure. In addition to detection, the sensors monitor for water's absence—helpful for safety and remediation.

## **Use the Right Sensor Type for the Right Solution**

- Water Detect+ devices are available as a Power over Ethernet sensor, as well as wireless commercial, enterprise, and industrial sensors.
- Every Detect+ sensor has a probe-capped 3' lead. Upon water contact, the probe's electric circuit closes to trigger an alert. The Detect+ probe helps minimize false alarms when moisture compensates for expected variables, e.g., condensation.
- Optional 10', 25', 50', and 100' lead lengths expand usage.
- Meet the diverse Water Detect+ Sensor family below, and bring the plus side of early detection to your business.

## **Applications**

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# ***Wireless Water Detection Disc***

## **A Slapshot for Facility Managers.**

### **Check Water's Status Across Your Facilities**

The Sealed disc is made of nearly indestructible vulcanized rubber, Alegna's Wireless Water Detection Disc Smart Sensor is a novel way to **monitor water presence** or absence in a wide variety of facilities and locations.

With the perfect union of form and function, you can use the fully submersible, waterproof sensing disc to face off against potential water damage by **detecting leaks, flooding, and pooling**. Or quickly detect the absence of water or other liquids in troughs, tanks, and containers. Place the versatile Water Detection Disc Sensor in virtually any facility area, including restrooms, kitchens, server rooms, break rooms, production lines, or under aging machines and systems.

The Disc Sensor is available in two colors—black or white. Generally, the traditional black Disc sensor can be placed in virtually any location—industrial or commercial—to work behind the scenes gathering critical data. The white design offers the flexibility to use the sensor in facilities like hospitals, labs, and clinics where sensing devices and other equipment blend in with the décor.

The Disc Sensor's inventive approach supports facility maintenance for FM Building Services and more. It offers cost savings, efficiency, technological advancements, and contribution to tenant satisfaction.

### **Drop-in Monitoring**

The sensor deploys in less than 15 minutes—drop it under problematic plumbing, leaky windows, and turn it on via a magnetic contact switch. Once water or liquid rises approximately 1.6 millimeters under the probe, the sensor's probes detect the water's presence. This triggers an alert that's sent via text, email, or call. Similarly, you can configure the sensor's settings to detect the absence of water or liquid and immediately alert you.

Alegna's Water Disc Smart Sensor is an incredibly simple way to strengthen your defenses against water damage.

### **Applications**

- Water Leak Detection
- Production Line Monitoring
- Greenhouses
- Hospitals and Clinics

- Laboratories and Pharmaceutical
- Agriculture and Livestock Operations
- Toilet Leak Detection
- Data Center Water Intrusion Monitoring
- Water Heater Leak Detection
- Grow Houses
- Facility and Building Maintenance
- HVAC Systems Monitoring
- Workplace Slips and Falls
- Water Trough Levels

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**MoWi:** This discreet sensor uses your own Wi-Fi for networking and data transmission—popular f smaller businesses and facilities.

## Smart Sensor Features & Benefits

### Features

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# ***Wireless Water Detect Sensors***

## **Detect & Defend from Water Damage**

The Alegna Water Detection Sensor has introduced businesses to the advantages of remote monitoring. Instant leak detection shields income, assets, and personnel. The moment a sensor detects water, an alert is sent via text, email, or call to you (or designated contact).

The sensors can also be configured to detect both the presence and non-presence of water—helping with sanitation or building remediation.

## **How Water Detect Sensors Work**

When a Wireless Water Detection Sensor's lead contacts water, an internal circuit is completed. This triggers the sensor's integrated RF radio to push water status data to AlegnaSense™ Management Software Platform, which instantly alerts the appropriate party.

## **Protect Your Facility Your Way**

There's a remote monitoring solution for virtually any facility from the mini (yet mighty) coin cell sensor to the rugged industrial sensor. Universities, cancer research institutes, data centers, restaurants, and operations all count on Alegna to help ensure business continuity.

Ask Alegna how a range of water and leak detection Remote Wireless Early Warning Solutions can improve your Facility Preventive Maintenance Management Program.

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