Wireless Water Leak Detection and Monitoring System

Water leaks are a problem 24/7
Water leaks are everywhere in a building. Water is essential to good operations and satisfied tenants. Until you have a leak. Every building experiences leaks and they happen 24/7. Leaks interrupt business operations, disrupt owners and tenants, and create the perception your building is poorly maintained.

You cannot afford to risk a major water leak.

The solution is wireless, easily installed and cost-effective
The Detection Group (TDG) system wirelessly monitors leak-prone areas 24/7 and immediately notifies you by phone, text and email of the precise location of a leak so you can address it quickly. For critical areas, automatic shut-off valves can stop water flow within minutes. Installing TDG’s sensors in existing buildings is straightforward because there are no wires to run. TDG’s system delivers you peace of mind for a cost of pennies per square foot in a typical building.

The Detection Group system is designed for lasting, reliable performance
TDG’s system is ideal for multistory properties where leaks are both more difficult and more critical to catch quickly. Low-cost wireless sensors are installed throughout all floors in your building. They communicate reliably over long distances to the TDG base station, employing battery-conserving strategies that reduce maintenance requirements. The base station transmits all leak notifications to your team via phone, text, and email and also uploads data and analytics to TDG’s secure, cloud-based portal so you can track your building remotely at any time.

The Detection Group system is always on, always working
TDG’s patented, affordable and proven automated monitoring systems protect well-known Class A commercial and residential buildings, retail stores, medical and laboratory facilities.
Configure the TDG system with three sensing and valve control options

TDG’s Detect 100 system identifies the presence of errant water and communicates immediately to building managers. In cases where response time is critical or around-the-clock personnel are not available, the Detect 200 system includes water valves that automatically close when a leak is sensed, with the capacity to close off up to two valves per sensor. The Detect 300 system also includes water valves with automatic shut-off capability and offers the capacity to close off water flow driven by a signal from up to 28 sensors. Both the Detect 200 and the Detect 300 valves are certified for potable water use.

The Detection Group’s cloud-based portal service gives supervisors control

When logged on, the building supervisor can:
• Monitor on-site equipment for alarm status, lost communication, and low battery.
• Customize the building view and contact list.
• Create and view building activity reports for maintenance and insurance purposes.

The on-line web portal provides real-time information 24/7

The screen-shot below shows typical status and data about the base station and all sensors:

Building managers can create automated activity reports

This is an example of a report created on-line by the user. The building and alarm location are identified. Then the times are captured of (1) the initial alarm signal, (2) the confirmed receipt of the alarm, and (3) the time the alarm was silenced. Notes are captured regarding the cause of the leak. Repair notes could also be added.

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