Smart Water Leak Sensor Deployment Guide

This guide provides step-by-step instructions for deploying and configuring smart water leak sensors in your environment.

1. Pre-Deployment Checklist

- Water leak sensors (quantity as required)
- Gateway or hub device
- Mobile device with corresponding app
- Wi-Fi network credentials
- Access to water-prone areas (bathrooms, kitchens, basements, etc.)
- Mounting accessories (if provided/applicable)
- Power sources (batteries, USB cable, etc.)

2. Sensor Placement Guidelines

- Place sensors near potential leak sources (e.g., under sinks, near water heaters, behind toilets).
- Avoid placing sensors directly in standing water or outdoors unless rated for such use.
- Ensure sensors are within range of the gateway/hub.
- Do not block sensor contacts with objects.

3. Sensor Installation Steps

1. Unbox the sensor and review its instruction manual.
2. Insert batteries or connect to power if required.
3. Power on the sensor and wait for pairing mode.
4. Open the mobile app and follow instructions to add a new device.
5. Select the sensor model, connect to your Wi-Fi, and assign a location.
6. Test the sensor by simulating a leak (e.g., dampening the contacts).
7. Secure the sensor at the selected location.

4. Configuration and Testing

- Configure notification settings in the mobile app.
- Label each sensor for easy identification.
- Test alert delivery (push notification/email/SMS).
- Review app dashboard for real-time sensor status.

5. Troubleshooting

Issue	Possible Solution
Sensor not detected in app	Check power, ensure in pairing mode, verify hub connectivity
No alerts received	Check notification settings, app permissions, and internet connection
False alarms	Ensure sensor contacts are clean and dry; relocate if in humid area

6. Maintenance

- Test each sensor monthly by simulating a leak.

- Replace batteries as indicated by app notifications.
- Inspect sensors for dust or debris regularly.
- Update app and device firmware as provided.

7. Contact & Support

For technical assistance, visit our support portal or contact support at `support@example.com`.