ioX-Connect®

ENTERPRISE TEMPERATURE, HUMIDITY & WATER LEAK SENSOR
LORAWAN® MULTI-FUNCTION ENVIRONMENTAL MONITORING SENSOR

BUILT-IN DEVICE SENSORS

◆ **Temperature Sensor** - Measures temperature with a resolution of 0.01°C and an accuracy of ±0.3°C.

◆ **Humidity Sensor** - Measures relative humidity from 0~96% RH with a resolution of 0.04 %RH and an accuracy of ±3 %RH.

◆ **External Water Leak Probe** - Event-based water leak detection with targeted probe placement

DEVICE OVERVIEW

The ioX-Connect LoRaWAN® Enterprise Temperature, Humidity & Water Leak Sensor is a professional indoor monitoring device designed to track **environmental conditions and detect water leaks in real time**. The sensor continuously measures temperature and relative humidity, while an external wired water leak probe provides precise, localized leak detection in high-risk areas.

Using ultra-long-range LoRaWAN communication, the device delivers reliable connectivity with low power consumption. It supports **event-triggered uplinks upon leak detection**, periodic reporting, remote configuration, and wireless OTA firmware updates. Each unit is **pre-provisioned** for fast claiming and seamless deployment on the ioX-Connect platform.

Best For: Indoor environments requiring climate monitoring with early, pinpoint water leak detection, including server rooms, mechanical rooms, data centers, healthcare facilities, and commercial buildings.

TECHNICAL FEATURES

- **LoRaWAN Version:** v1.0.3, Class A
- **Detection Type**: Temperature, Relative Humidity & Water Leak Detection
- **External Probe:** Wired water leak detection probe with 3ft lead
- **Battery Type:** 2400mAh non-chargeable battery for up to 5 years of use. *Battery life, dependant on use
- **Downlink Configuration:** Remotely configurable via ioX-Connect platform
- **Status Indicator:** Tri-color LED to indicate working status.
- **Firmware Updates:** Wireless OTA (Over-The-Air) firmware upgrade capability
- **Supported Frequency Bands:** CN470, EU433, KR920, US915, EU868, AS923, AU915, IN865, RU864
- **Installation Environment:** Indoor

✉ sales@iox-connect.com   📞 +1(321) 441-9641   🌐 www.iox-connect.com