Detect. Alert. Protect.

Commercial / Industrial Wireless Environmental Monitoring Solution

100+ Wireless Sensors   Smart Gateways   IoT Cloud Platform

AI WatchNET

LoRa®

NB-IoT TECHNOLOGY

WatchNET IoT Cloud Application

Electricity

WLRC-E2000, WLRC-E3000
2/3 Phase Power Utility Monitoring System
(LoRaWAN)

FEATURES

- Compressor/generator current monitoring
- Equipment working or non-working status
- Overload current monitoring
- Predictive maintenance of machinery
- Smart energy management

Note: It requires a transmitter for remote monitoring (WIRE-GTW)

APPLICATIONS

- Multi-residential electrical utility monitoring
- Commercial / industrial electrical utility monitoring

SUB-METERING

- Smart energy management
- Energy consumption monitoring in residential, commercial, and industrial sectors
- Multi-function energy metering

Water

WLRC-WM1 / WLRC-WM2
LoRaWAN Ultrasonic Water Meter

FEATURES

- Measure cumulative water flow
- Programmable reporting intervals
- Power supply: 3.6V battery / external power supply
- Smart water consumption management
- Valve control for water shutoff (optional)
- Protection class: IP68
- LoRaWAN compatible

APPLICATIONS

- Multi-residential water utility monitoring
- Commercial/industrial water utility sub-metering

WLRC-D14
Area detection for water leak

FEATURES
- Super long-range signal penetration
- Easy installation (up to 2,000 devices per gateway)
- Battery life of up to 5 years
- LoRa/LoRaWAN
- Rope length: 3m / 10ft (extendable up to 300m)

APPLICATIONS
- Utility room floor monitoring
- Laundry and kitchen floor monitoring
- Pump room and boiler room floor monitoring
- Any location where water leaks or presence need to be detected

WLRC-D15
Single spot detection for water leak.

FEATURES
- Single spot detection
- Long range: super strong signal for wide coverage
- Long battery life: 5+ years of battery power
- Durable: strong and easy to install

APPLICATIONS
- Any location where water presence or leaks need to be detected
- Industrial or commercial use
- Automatic operation shut-off valve to prevent damage (requires WLRI-V11)
- Instant notification

TW-101-W, TP-101-W

Smart Thermostat – Wi-Fi / LoraWAN

WLRC-DAPS

Wireless Differential Pressure and Temperature Sensor

WLRC-M175

Single Phase Current Meter - 75A

FEATURES

- Long-range wireless: Strong signal for wide coverage
- Long battery life: Extended battery life for worry-free operation (up to 5 years)
- Easy installation: Simple and quick setup
- Remote management: Control and monitor devices remotely
- User-friendly interface: Intuitive interface for easy operation
- Advanced features: Includes features like scheduling, temperature control, and data logging

APPLICATIONS

- Rooftop AHU monitoring: Monitor air handling units' operation status and identify malfunctions
- Energy management: Optimize energy consumption and reduce costs with WatchNET Cloud AI
- Predictive maintenance: Anticipate equipment failures and schedule maintenance proactively
- Industrial applications: Ideal for factories, food processing, and other industrial settings
- Temperature/humidity control: Monitor temperature and humidity to compare with external temperature and weather patterns

WLRI-S41
Wireless CO2/Temperature/
Humidity Sensor

WLRC-S20
Wireless Light Sensor

WLRC-S17
Wireless Temperature &
Humidity Sensor

WLRC-S22
Wireless Soil Moisture Sensor

WLRC-D17
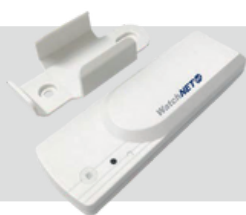Wireless 1-Gang Hall Type
Open/Close Detection Sensor

WLRC-S23
Wireless pH Sensor

FEATURES
- Long-range wireless: Strong signal for wide coverage
- Long battery life (up to 5 years)
- Easy installation with magnetic base
- Interact with Watch*NET* IoT cloud for smart monitoring
- LoRa/LoRaWAN
- User-friendly interface (implied by Watch*NET* platform's customizable interface)

APPLICATIONS
- Indoor/outdoor greenhouse farming
- Home / office plant monitoring
- Automatic temperature control for greenhouses with Watch*NET* thermostat
- Data logging (for analysis and insights)
- Irrigation control (implied by soil moisture monitoring)

WLRI-S16

Wireless Indoor Temperature & Humidity Sensor

WLRC-S16L

Wireless Temperature & Humidity Sensor For Low Temp

WLRC-S17

Wireless Temperature & Humidity Sensor

FEATURES

- Long-range wireless (super long-range signal penetration)
- Extended battery life (up to 5 years)
- Simple installation (easy setup with magnetized enclosure)
- Remote management and user-friendly interface (Watch*NET* IoT platform with dashboard)
- LoRa/LoRaWAN

APPLICATIONS

- Industrial applications: Factories, mines, data centers
- Food processing: Food manufacturing units, cold storage, freezers, coolers
- Agriculture: E-farming, greenhouses
- Commercial facilities: Restaurants, indoor stadiums, gyms, seminar halls
- Data center monitoring: Temperature and humidity control

CUSTOMIZABLE DASHBOARD
Watch*NET* IoT offers a customizable dashboard for a complete facility overview at a glance.

COMPREHENSIVE AND SCHEDULED REPORTS
Watch*NET* IoT generates customizable, exportable reports for event tracing, facility improvement, and scheduled email delivery.

MULTIPLE CONNECTIVITY PROTOCOL
Our cloud supports industry-specific IoT protocols like MQTT, CoAP, LoRaWAN, and more, enabling seamless third-party device integration with payload decoding.

PUSH DATA TO THIRD PARTY CLOUD
Watch*NET* IoT platform allows customers to register HTTP/HTTPS URLs for real-time sensor data callbacks upon device data reception.

NOTIFICATION ALERTS
Watch*NET* IoT delivers smart, customizable notifications to relevant personnel via web portal, mobile app, text messages, and email.

MOBILE APP IN ANDROID AND IOS
Watch*NET* IoT cloud offers real-time device monitoring via a cross-platform mobile app, ensuring seamless data synchronization between Android and iOS devices.

WHITE-LABEL
Power your brand, not just your devices. Watch*NET* IoT's white-label cloud option lets you build your brand on our secure IoT platform.

- Your own logo
- Custom domain name
- Custom mobile application
- SMS/email notifications
- Logo on customized reports

WatchNET IoT
Sensing Smarter

TAKING ALL INDUSTRIES AHEAD WITH WIRELESS ENVIRONMENTAL MONITORING SOLUTION

E-FARMING & GREENHOUSE FARM MONITORING

DATA CENTERS

FACTORIES AND COLD-STORAGES

FOOD AND RESTAURANT INDUSTRY

HEALTHCARE

COMMERCIAL BUILDINGS

RESIDENTIAL BUILDINGS

WAREHOUSING

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