



IOT SOLUTIONS



IOT SENSORS



✉ sell-with@mobilfy.com

🌐 mobilfy.com

WITZense.com



IoT Cloud Sensors

Cloud-Based Environmental Monitoring with Real Time Alerts

Sensors to monitor temperature, power, humidity, flood and more...



Temperature



Humidity



Power (On / Off)



Active Power



Flood / Water



Smoke / Fire



Room Entry



Motion



Relay Output



Air Flow



Fluid Temp



More...

Remotely monitor your business via our cloud - based platform, get real time feedback, email and text messages alerts

Plug & Play Deployment



(256-bit key exchange and AES -128 CTR)



Low-Powered – Long Range



Global Hosting

**Secured Wireless
Connectivity**

**Battery
Powered**

**Cloud-Based
Software**

How Does It Work?



IoT Sensors

Gateway

WITZense.com

Mobile App

Dashboard

USE CASE

Remotely Monitor **HVAC** Systems from Cloud-Based Platform



Water Detection



Power Detection



Pressure -Vibration



Alerts



Remotely monitor 69+ element of your facility systems from one platform



Industries handling perishables are going to need to have **Temperature traceability as to how that perishable was kept safe **From Farm to Fork.****



FDA Food Safety Modernization Act



Overview	Notifications	Manage	Reports	Support
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[View Gateways](#)



<input type="checkbox"/>	Type	Sensor Name	Data	Last Check In	Signal	Battery
<input type="checkbox"/>		Humidity - 814114	43.83% @ 68.9° F	11/16/2021 2:56 PM		
<input type="checkbox"/>		LightSensor - 814115	0 lux	11/16/2021 2:51 PM		
<input type="checkbox"/>		Temperature - 814077	69.6° F	11/16/2021 2:51 PM		
<input type="checkbox"/>		UltrasonicRangerIndustrial - 814089	33 cm	11/16/2021 3:02 PM		
<input type="checkbox"/>		Vibration Meter - 814088	X-Axis 0 mm/s 0 Hz, Y-Axis 0 mm/s 0 Hz, Z-Axis 0 mm/s 0 Hz, Duty Cycle 0 %	11/16/2021 3:02 PM		
<input type="checkbox"/>		Voltage Meter - 500 VAC - 814090	0 V	11/16/2021 3:03 PM		



- Overview
- Notifications
- Manage
- Reports
- Sensor Maps
- Support

[View Gateways](#)



1 Notification Pending [Reset](#) [Details](#)

All 	Type	Sensor Name	Data	Last Check In	Signal	Battery
<input type="checkbox"/>		1, Cooler	37.6° F	5/14/2019 3:41 PM		

Type: Temperature

Last Check-in: 5/14/2019 3:41 PM

Expected Next Check-in: 5/14/2019 5:41 PM 

Sensor ID: 449111

Belongs to Network: MDist

GatewayID: 936143

- History 
- Chart
- Notifications
- Export
- Edit
- Calibrate
- Scale

[Missed Communications](#)

Date Range: -

Date	Signal	Battery	Sensor Reading
5/14/2019 3:41 PM	69	100	37.6° F
5/14/2019 1:42 PM	76	100	38.5° F
5/14/2019 11:43 AM	70	100	37.8° F
5/14/2019 9:44 AM	69	100	37.6° F
5/14/2019 7:46 AM	77	100	38.3° F
5/14/2019 5:47 AM	73	100	36.9° F
5/14/2019 3:48 AM	74	100	36.9° F
5/14/2019 1:49 AM	72	100	38.7° F
5/13/2019 11:50 PM	45	100	38.5° F
5/13/2019 9:51 PM	68	100	38.5° F
5/13/2019 7:52 PM	70	100	39.6° F
5/13/2019 5:53 PM	74	100	38.8° F



Humidity - 869386

39.37% @ 69.4° F D: 43.7° F
GPP: 42.6 Wet Bulb: 55.2° F 5/28/2022 11:05 AM



Type: Humidity

Last Check-in: 5/28/2022 - 11:05 AM

Next Check-in: 5/28/2022 1:05 PM 

Sensor ID: 869386

Belongs to Network: kontentlabs

GatewayID: 928246

History

Chart 

Notifications

Export

Edit

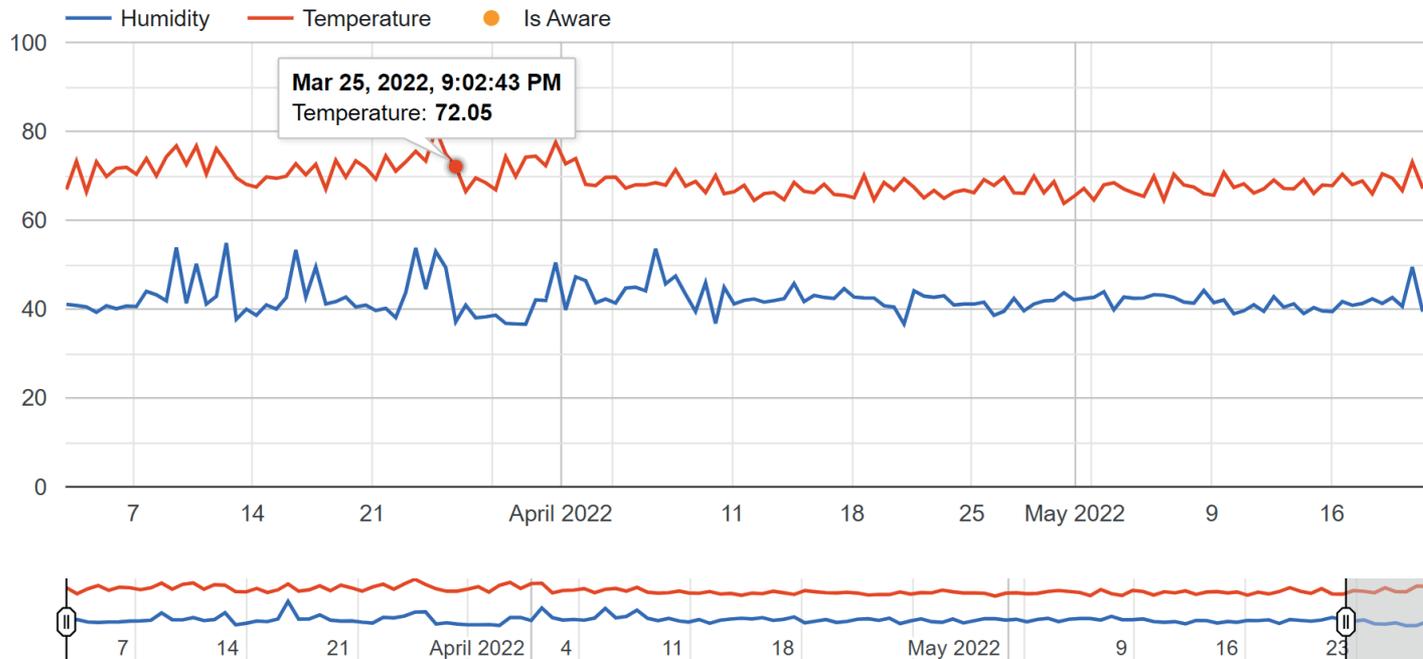
Calibrate

Scale

Sensor Readings 

Date Range: 03/02/2022 - 05/28/2022

Humidity - 869386



Type: Temperature

Last Check-in: 5/14/2019 3:41 PM

Expected Next Check-in: 5/14/2019 5:41 PM [?](#)

Sensor ID: 449111

Belongs to Network: MDist

GatewayID: 936143

History

Chart

Notifications [↻](#)

Export

Edit

Calibrate

Scale

Recently Sent Notifications

Date Range: -

Date Sent

Sent To

Reading

Acknowledged

Notifications Active

If you would like to stop sending notifications from this sensor temporarily, you can choose from the options below.

Pause

1 Hour

Custom

Pause notifications until:

4

:

30

PM



Current Notification Settings

[Create New](#)

Type	Notification Name	Last Sent	Sending To	Notifying On	
 	Low Batory Sensor 1		 		 
 	Alta Teperatura del Cooler	12/19/2018 4:30 PM	 	1, Cooler	 
 	Inactivity Alert	5/12/2019 6:14 AM	 		 



High Temperature Sensors

These sensors monitor high-temperature applications in arid areas for production facilities and building managers. Offered as wireless, Wi-Fi, and Power over Ethernet models, these sensors span from -50°C to $+370^{\circ}\text{C}$ (-58°F to $+700^{\circ}\text{F}$). Start remotely monitoring boilers, ovens, and more today.



Low Temperature Sensors

This family of sensors reliably monitors temperatures for irreplaceable inventory or sensitive processes in hospitals, logistics (cold chain), and labs. Low-temperature Sensors range from -200°C to $+162^{\circ}\text{C}$ (-328°F to $+325^{\circ}\text{F}$).



Duct Temperature Sensors

Remotely monitor duct temperature while maintaining a sealed environment. These sensors use an NTC-type thermistor with a UL-listed plenum cable to span from -40°C to +150°C (-40°F to +302°F) for HVAC testing, environmental monitoring, and more. Find your duct monitoring solution [here](#).



Digital Temperature Sensor

At the push of a button, the Digital Temperature Sensor displays temperatures between -40°C to +125°C (-40°F to +257°F) on an easy-to-read LCD, enabling all personnel to get a temp update. This immediacy also helps those in food services, labs, or pharmaceuticals meet data redundancy requirements. [Click here](#) for all of its advantages.



Humidity Sensors

Remotely monitor the relative humidity in facilities & enclosures. Museums, data centers, and manufacturers alike count on sensor alerts and data to protect artifacts, electronics, sensitive materials, and mission-critical machines. A 7-month NIST Certification is available.



Wireless Open-Closed Sensors

These mount-&-monitor sensors alert you when a door, window, or cabinet has been left open or is accessed after hours. Use for cold storage, labs, server rooms, remote facilities, or vacant buildings. Know valuable and irreplaceable assets are secure.



Infrared Motion and Occupancy Sensors

Wirelessly monitor motion (by people or animals) and know when an area is accessed. These passive infrared (PIR) sensors help augment security or quantify building traffic for sanitation. A wide-angle option tracks desk/cubical occupancy for space-booking.



Wireless AC Current Meters

Deploy a Wireless AC Current Meter within 15 minutes to remotely monitor power consumption. Get valuable insights on machine health, HVAC performance, or supply issues via current usage. May also be used for submetering.

20 Amp AC

150 Amp AC

500 Amp AC



Wireless Light Meters

Wireless light meters track intensity from (0–83,000 lux) indoors. Spanning from moonlight to natural sunlight, these sensors help protect assets from excessive light exposure or augment security. Agribusinesses leverage lux data to maximize crop health and yield.



Wireless Three-Phase Current Meters

20A, 150A, and 500A industrial-grade Wireless 3-phase Current Meters remotely monitor power consumption. Ideal for tracking motor health and external power system faults, or economizing machine use without performing additional wiring.

20 Amp 150 Amp 500 Amp



Wireless Interface Meters & Sensors

Our most flexible family offers wireless meters and dry contact sensors in various Power over Ethernet and wireless models. Get the flexibility to remotely monitor battery health, door status, turnstile actuations, and much more with sensors that install within 15 minutes.



Wireless Thermocouple Sensors

These Wireless Thermocouple Sensors are available with a hardwired needle-style probe or K-type quick connector to support various thermocouple types and ranges up to 400°C (752°F). Great for tracking high-temperature processes and machinery. Can also be used in wet or damp environments.



Wireless Dry Contact Sensors

This turnkey sensor detects contact between two wired points. An operational insight solution, this device's broad application scope includes tracking production lines & monitoring freezer/cooler door status.



0-5 VDC Wireless Interface Volt Meter

Easily monitor potential differences (voltage) between two electrical points. Use turnkey voltage meters to retrofit common industrial sensors, monitor batteries, renewable energy sources & more.



0-10 VDC Wireless Interface Volt Meter

Add turnkey Wireless Voltage Meters to commonly used industrial sensors and remotely monitor the voltage between two points. Get data from previously “dumb” devices to optimize operations.



0-20 mA Wireless Current Meter

Easily update existing scientific or industrial sensors to wirelessly collect process data. Remotely monitor current transducers, as well as oxygen, pH, magnetic flow sensors & more.



Wireless Accelerometers & Vibration Meters

Remotely track vibrations in machines or structures with these plug-&-play sensors. Collected data guides preventive machine maintenance or helps determine lifespan. Also, be instantly alerted if a barrier's been breached or of excessive vibrations that may indicate imminent failure.



Wireless G-Force Snapshot Accelerometer

This sensor measures acceleration on three axes to detect or resolve issues stemming from angular alignment. The G-Force Snapshot is ideal for assembly line monitoring, where unexpected errors with the inclination can occur. Explore below what this sensor can do for you.



Advanced Vibration Meter

This award-winning sensor uses three axes to monitor vibration, frequency, and duty cycle. The Advanced Vibration Meter is popular for measuring seismic impact on bridges and buildings and monitoring high-RPM machines. See what else this sensor can do for you here.



Wireless Tilt Detection Sensor

Remotely monitor the rotation or rise of a parking barrier gate with the Tilt Detection Sensor. The device can sense whether it is “Up,” “Down,” and “Stuck.” Any movement between these regions will be recorded. Click below to learn more.



Wireless Vibration Meters

Accuracy in reporting vibration is critical, and this sensor is up to the job. Manufacturers trust these Vibration Meters to take measurements on three axes to report activity along production lines. Go here to see what else is possible.



G-Force Max-Avg Accelerometer

A MEMS (microelectromechanical system) is the foundation on which the G-Force Max-Avg Accelerometer is built. The user can configure settings for high pass filter (HPF) mode to monitor the physical integrity of a fence or activity of a wind turbine. [Learn more here.](#)



Wireless Tilt Sensors

By measuring acceleration on three axes, the Wireless Tilt Sensor can determine pitch and roll. Among its many uses, this sensor can monitor the level of beams at a construction site. [Explore what else you can monitor here.](#)



Wireless Voltage Detection Sensors

These 200 VDC and 500 VAC Wireless Voltage Detection Sensors remotely monitor the on/off status of equipment, machines, or battery levels. Monitor sprinkler systems, HVAC, power couplings, solar equipment, and more to keep business moving.



Wireless 200 VDC Voltage Meters

Integrate a wireless voltage meter to monitor the electrical status of items you depend on, like industrial lift trucks, solar PV panels, and power banks. Remotely monitor status & operation.



Wireless Voltage Meters 0-500 VAC

Use this Wireless Voltage Meter to track the voltage status of commercial and industrial equipment. Whether it's battery- or line-powered, remotely monitor & always know power status.



Wireless Voltage Detection - 200 VDC

This wireless voltage sensor monitors the on/off status of equipment, machines, or battery levels. Track power sources up to 200 VDC for industrial vehicles, ATVs, adapters, PV solar equipment & more.



Wireless Voltage Detection - 500 VAC

Wirelessly monitor voltage for critical equipment & systems up to 500 VDC. Keep an eye on sprinkler systems, HVAC, power couplings, sump pumps. Know about electrical faults & act quickly to keep business moving.



Wireless Water Detection Sensors

Spring a leak? These wireless and Power over Ethernet sensors will alert you instantly. Choose commercial, enterprise, and industrial-grade devices, as well as water rope sensors, award-winning puck, and detection plus models to monitor for water's presence or absence.



Wireless Water Rope Sensors

This sensor detects leaks via a 10' conductive rope anywhere water poses a threat to people or assets. Combine up to 10 optional extensions for 100' of detection to detect leaks along foundations, walkways, server rooms, and other areas with sensitive inventory. Explore models and types here.



Water Detect Plus Sensors

Detect plus sensor employs a wall- or surface-mountable probe at the end of a 3' lead to detect water's presence (or absence). The probe is often used in sanitation or process applications to detect levels in reservoirs or vats of non-combustible liquid. Choose from three models and battery types here.



Wireless Water Detection Puck

Housed in a vulcanized hockey puck, this submersible sensor detects water's presence (or non-presence). Drop this sensor nearly anywhere to monitor for leaks/spills, e.g., production, manufacturing, or building maintenance. Make this sensor part of your defense against water damage by clicking [here](#).



Wireless Water Detect Sensors

These popular sensors detect the presence (or non-presence) of non-combustible liquids (e.g., water). Deploy in areas prone to seasonal flooding or leaky plumbing. Several battery types and Power over Ethernet models are offered to guard crucial assets, such as servers. Find the right fit [here](#).



Wireless Pulse Counters

wireless pulse counters can be integrated with a dry contact or mechanical switch to count the number of actuations occurring within a given time frame.



Wireless Button Press Sensors

Does the restroom need service? Want to confirm system network performance? Press an on-sensor button to trigger an alert and see the on-unit LED illuminate—know help is on its way or that sensor placement is optimal.



Wireless Pressure Meters

Unique AA battery-powered sensor measures line pressure: gas, liquid, or vapor. These meters remotely monitor machines, pumps, or specialized areas (e.g., labs, negative pressure tents for health care, and cleanrooms). Choose from 50 or 300 PSIG meters.



50 PSIG Wireless Pressure Meters

These wireless, battery-powered 50 PSIG pressure meter monitor line pressure (gas, liquid, or vapor) of equipment in the field or within processes and machines in a lab.

300 PSIG Wireless Pressure Meters



Wireless Gas Detection Sensors

Each sensor in this award-winning family wirelessly monitors for a specific danger: carbon monoxide (CO), hydrogen sulfide (H₂S), or carbon dioxide (CO₂). If gas exceeds user thresholds, an alert is issued. Use to maintain worksite compliance and safety.



Wireless Hydrogen Sulfide (H₂S) Gas Sensors

This safety sensor tracks the presence of H₂S gas, which is toxic and flammable. Use to safeguard workers in oil/gas production, wastewater treatment, utilities and other hazardous areas



Wireless Carbon Monoxide (CO) Sensors

Unique battery-powered sensor monitors jobsites, offices and residential complexes for carbon monoxide (CO). Within a small footprint, the MEMS-based device packs a 0–1,000 PPM measurement range & automated data logging.



Wireless Carbon Dioxide (CO2) Sensors

Trusted by facility managers, this MEMS-based sensor monitors CO2 levels in the air. Get an alert if CO2 levels surpass preset limits. Used to protect indoor air quality in greenhouses, marine vessels and HVAC systems.



Wireless Ultrasonic Ranging Sensors

An ultrasonic sensor measures the distance between itself and an object(s) in its path to detect liquid levels, track inventory, or monitor traffic. Both commercial and industrial-grade ultrasonic sensors are offered for manufacturing, logistics, and process industries.



Commercial Wireless Ultrasonic Ranging Sensor

This enterprise-grade remote monitoring solution measures the distance between itself and objects in its path. Use for liquid level detection, inventory status, object detection & other indoor or outdoor applications.



Industrial Wireless Ultrasonic Ranging Sensors

Packaged in an industrial-grade, weatherproof housing, this sensor measures distance.

Indoor and outdoor applications include vehicle/object detection, capturing liquid levels, monitoring inventory, and more.



Wireless Resistance Sensors

These sensors read the resistance across a resistive load up to 250K Ohms—great for typical industrial or scientific equipment. An alert is sent if levels deviate from user-set limits; data is collected to support analysis and action.



Wireless Air Quality Sensors

This easy-to-use air quality sensor measures PM₁, PM_{2.5} & PM₁₀ concentrations in the air. Protect occupants and ensure safety in mines, production facilities, commercial kitchens & more.



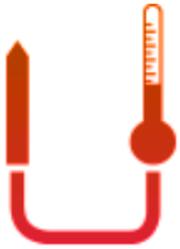
Wireless Air Velocity Sensors

Velocity sensor measures the pressure difference between two input ports, as well as ambient temperature and altitude, to determine airflow speed in a system. Use in sensitive areas, e.g., hospitals and clean rooms.



Differential Air Pressure Sensors

These turnkey sensors measure the pressure difference between its two ports. Ideal for food service, healthcare & academia. Common applications include clean rooms, pharmaceutical production, commercial kitchens, and HVAC.



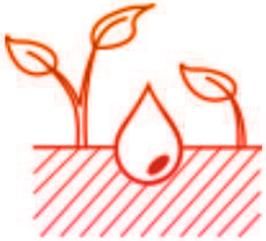
Wireless Food Probe Thermometer

Created for a fast-food chain and now widely available, this 21 CFR Part 11B compliant wireless probe replaces manual temperature checks for greater food safety and quality. Modernize production, preparation, and recipe creation with remote monitoring and automated data logging.



Wireless Vehicle Detection Sensors

This dual-mode vehicle detect/counter sensor tracks autos coming, going, and records how long they've been waiting. Deployed by automotive service firms, municipalities, retailers, and restaurants, collected data can support traffic studies or recalibrate customer service.



Wireless Soil Moisture Sensor

Get critical insights from your soil about how well you water with our Soil Moisture Sensor. It's perfect for measuring soil water tension and taking its temperature. Your crops or landscape will appreciate the optimized watering and care you provide throughout the growing season.



Propane Tank Monitoring Sensors

Remotely monitor propane levels from anywhere via smartphone or PC. This turnkey propane sensor works with Sr & Jr R3D[®] Remote Ready gauges. Prevent unnecessary in-the-field trips and maintain customer satisfaction.

