



Voltage Detection Sensors

Wireless Voltage Detection Sensors

Turnkey Power Measurement & Monitoring

Alegna's Wireless Voltage Meters and Voltage Detect Sensors remotely monitor machine or system power status with:

Instant Alerts, Instant Action

If a monitored value rises or falls beyond user-set thresholds, an alert is sent via text, email, or call. Know when essential appliances are operative (helpful for remote locations or decentralized operations). Be sure that a sump pump is active ahead of a storm.

How voltage meters work

Alegna's 0–200 VDC or 0–500 VAC sensors measure the voltage between two electrical points, such as batteries or other sensors; measured voltage is reported.

How Voltage Detect Sensors Work

The 0–200 VDC and 0–500 VAC devices are triggered by electricity's presence or absence in batteries or other sources, such as solar equipment.

Find the right voltage sensor below to keep machines running and your business moving forward.

Applications

- Appliance Monitoring
- Line Power Monitoring
- Power Coupling Monitoring
- HVAC Systems Monitoring
- Power Supply Monitoring
- Sump Pump Monitoring
- Backup Generator Monitoring
- Machine Motor Monitoring

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE SMART SENSORS BELOW.

Wireless 200 VDC Voltage Meters

Remotely monitor device voltage

Alegna's Wireless 0–200 VDC Voltage Meters monitor potential differences between two electrical points.

Easy deployment

Retrofit these sensors to legacy machinery, “dumb” devices, solar power units, or material handling equipment within 15 minutes. The sensors monitor the electrical status of assets at user-designated intervals. If this status deviates from a user-determined range during measurement, an alert is issued via text, email, or call.

Three sizes of battery-powered 200 VDC voltage meters are available for a broad array of installs: an ultra-compact CC model, an enterprise-ready AA model, and a weatherproof, industrial-grade device. Options include power source, on/off switches, and antenna styles.

Alegna's US-made voltage meters are the easiest way to ensure battery-operated and low-power devices will be ready when you need them. Find your voltage metering solution with Alegna™.

WARNING: Use caution when interfacing to Alegna's Wireless Voltage Meter. **Negative voltages, AC Voltages, or DC Voltage exceeding 250V, WILL DAMAGE** the electronics of Alegna's Wireless Sensor. Alegna™ is not responsible for troubleshooting, replacing or reimbursing damages incurred by disregarding this warning.

Applications

- Battery Health
- Boat And Marine Battery Monitoring
- Machine Motor Monitoring
- Voltage Measurement

Choose the Right Smart Sensor for You!

Enterprise AA-battery powered: Our most popular type is ideal for typical commercial & enterprise environments, such as server rooms. A 1,200+ ft. range readily covers most facilities.

CC-battery powered: Compact sensor is great for space-restricted areas such as control cabinets or cold storage.

Industrial: Sensor's weatherproof, NEMA-rated enclosure withstands demanding indoor/outdoor use, e.g., warehouses & production facilities.

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE SMART SENSORS BELOW.

Wireless Voltage Detection - 200 VDC

Keep An Eye On Equipment Power

Machine operators and facility managers have a second set of eyes with Alegna's 200 VDC wireless sensor. This wireless voltage sensor tracks power sources or monitors the on/off status of equipment and machines, as well as battery levels.

Based on user settings, the presence or absence of voltage triggers the sensor to send an alert via text, email, or call. Know battery health or the operational status of industrial vehicles, ATVs, adapters, PV solar equipment, and other equipment needed by all types of businesses.

Three sizes of detection

Three models are offered, ensuring a fit for virtually any business. Choose from a small CC sensor, enterprise-ready AA battery-powered sensor, or a weathertight industrial-grade device.

Whether you're across town, or the country, the sensors below will keep you in touch with your equipment's voltage status.

Applications

- Appliance Monitoring
- Line Power Monitoring
- Power Coupling Monitoring
- Power Supply Monitoring
- Sump Pump Monitoring
- Backup Generator Monitoring

Choose a Smart Sensor Right for You!

Enterprise AA-battery powered: Our most popular type is ideal for typical commercial & enterprise environments, such as server rooms. A 1,200+ ft. range readily covers most facilities.

CC-battery powered: Compact sensor is great for space-restricted areas such as control cabinets or cold storage.

Industrial: Sensor's weatherproof, NEMA-rated enclosure withstands demanding indoor/outdoor use, e.g., warehouses & production facilities.

Features

- 2,000+ ft. Range through 18+ Walls
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

NOTE: SEE MORE SMART SENSORS BELOW.

Wireless Voltage Meters 0-500 VAC

Have Absolute Power? Know Absolutely.

Alegna's 0–500 VAC voltage meter is an easy-to-deploy wireless interface for measuring voltage.

Within 15 minutes, this sensor can be mounted, connected to a machine, and configured. The meter then monitors potential differences between two electrical points at user-determined intervals. If it detects voltages that have fallen below or risen above user-set thresholds, the user is alerted via email, text, or call.

More Ways to Monitor Voltage

This 500 VAC voltage meter is available in a mini (yet mighty) CC battery-operated variant, an enterprise-ready AA battery-powered sensor, and a weatherproof industrial-grade voltage meter. Alegna's variety supports diverse assets ranging from electrical motors inside a machine shop to backup generators outside.

Start remotely tracking the voltage status of your machines with one of Alegna's wireless voltage meters.

WARNING: Use caution when interfacing to Alegna's Wireless Voltage Meter. **Negative voltages, AC Voltages, or DC Voltage exceeding 600V, WILL DAMAGE** the electronics of the Alegna's Wireless Sensor. Alegna is not responsible for troubleshooting, replacing or reimbursing damages incurred by disregarding this warning.

Applications

- Appliance Monitoring
- Line Power Monitoring
- Power Coupling Monitoring
- Power Supply Monitoring
- Sump Pump Monitoring
- Backup Generator Monitoring

Choose the Smart Sensor Right for You!

Enterprise AA-battery powered: Our most popular type is ideal for typical commercial & enterprise environments, such as server rooms. A 1,200+ ft. range readily covers most facilities.

CC-Battery Powered: Compact sensor is great for space-restricted areas such as control cabinets or cold storage.

Industrial: Sensor's weatherproof, NEMA-rated enclosure withstands demanding indoor/outdoor use, e.g., warehouses & production facilities.

NOTE: SEE MORE SMART SENSORS BELOW.

Wireless Voltage Detection - 500 VAC

Always Know if it has Power

“It” can be any large energy consumer, from HVAC and sprinklers systems to electrical appliances and power couplings.

Alegna’s Wireless Voltage Detection sensor interfaces with a device or system to detect voltages to 500 VAC. If the sensor does (or doesn’t) detect voltage during measurement, you’ll be alerted via text, email, or call. Step in before an unplanned event, such as a machine stoppage, impacts the bottom line.

A Trio of Detection Sensors

Outdoors? Select a weatherproof industrial-sensor. Space-restricted? There’s an ultra-compact voltage detection meter. For systems indoors and out-of-sight, consider Alegna’s AA battery-powered, enterprise-ready sensor. Whichever you choose, benefit from a wireless range of 1,200+ feet and up to 12+ years of battery life.

Applications

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Choose the Right Smart Sensor for You!

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Smart Sensor Features & Benefits

Features

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- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

Call us today at (770) 855-3328 for more information. Alegna's Team Is At Your Service!