Voltage Outage
Monitoring System

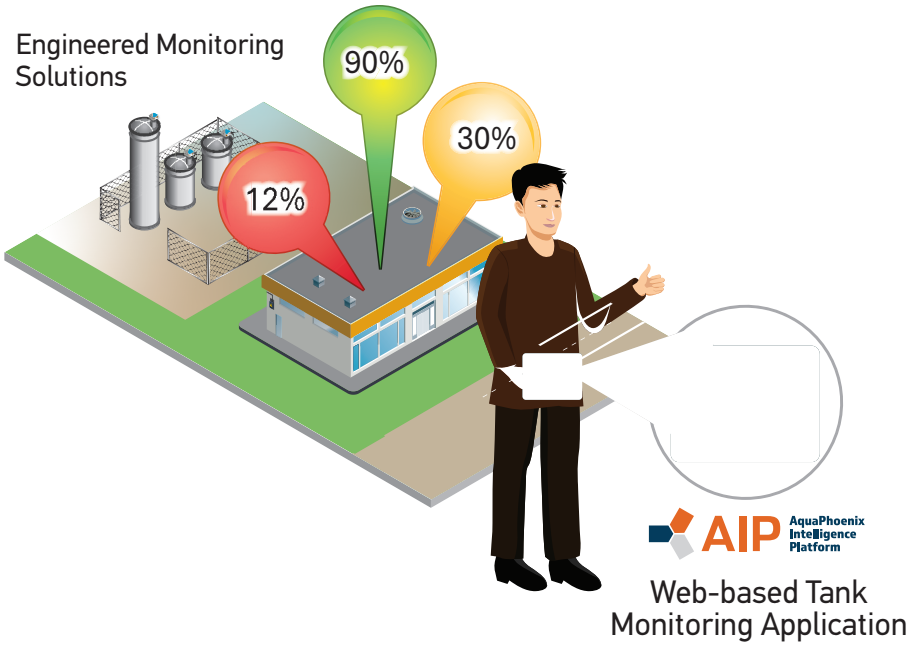
TankScan | Powered by AquaPhoenix

A 120 VAC to 5 VDC power adapter is fully integrated with a battery powered data logger, which can be installed where power and connectivity infrastructure is not available during a power outage condition.

The monitor uses the 4G LTE cellular network, features a durable, weatherproof enclosure, and is battery-powered with an estimated battery life of three years.

The voltage outage monitors are ideally suited for remote locations. The monitors measure once per hour and upload measurements once per day, or on exception on a loss of voltage. A manual and immediate measurement can be triggered by a magnetic switch.



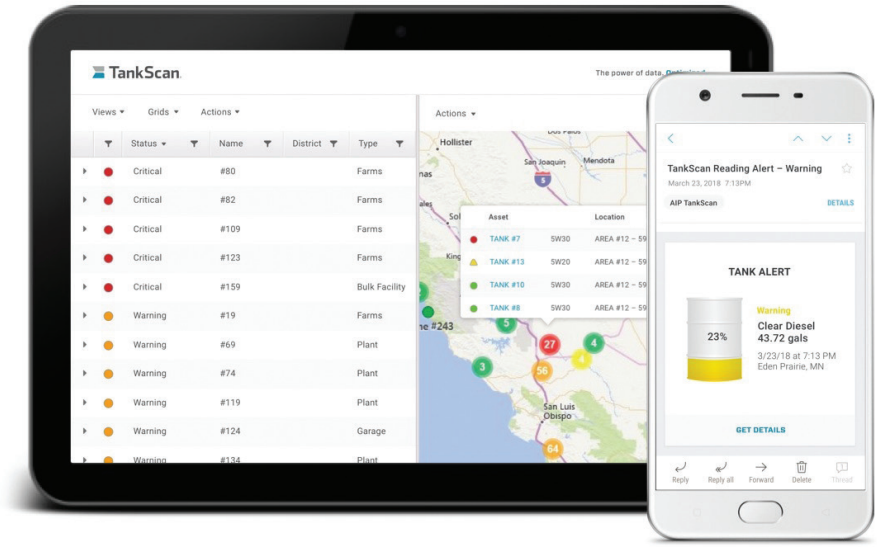


Applications

- Integration of a Plug In 120VAC Voltage Adapter
- Easy Plug into outlet
- Detects loss of power
- Alerts on loss of power within 15 minutes of loss

Other

- 3rd party sensors
- Client provided sensors
- Existing sensors



SPECIFICATIONS	TSPS120
Measurement Range	120 VAC
Cable Length	3 ft (1m)
Sensor Technology	120 VAC to 5 VDC Plug-in Voltage Adapter
Accuracy	Max: +/-2% of Full Scale, Typical: +/-1% of Full Scale
Output	Transmits ID, Voltage Present, Battery Level
Radio Communication	Cellular 4G LTE Verizon or AT&T
Power Requirements	3.6V Lithium Thionyl Chloride Exi “Bobbin type” construction
Construction	Weatherproof Non-corrosive, IP68
Operating Temperature	Monitor: -22°F to 131°F Pressure Sensor: -4°F to 176°F
Approvals	CE, IECeX, RoHs, RED ATEX Zone II 1 G-Ex ia IIB T4 Ga [-30 < Ta < +55C / -22°F to 131°F] and IECeX/C1D1 Hazloc Equivalents (Excludes D Cell)
Product Warranty	1 Year, Excluding Battery
ORDERING INFORMATION	
Model Numbers	TSVO120C5L1H0, Multi-Carrier

AIP AquaPhoenix Intelligence Platform

AquaPhoenix Intelligence Platform (AIP) Capabilities

Web-based software can be accessed from any internet-connected computer.

- Scales from 1 to over 100,000 sensors
- User-friendly dashboard displays accurate measurements across all locations
- Users can view multiple sensors to simplify site monitoring
- Email alerts provide notifications when preset levels are reached
- Multiple users can be authorized to access various levels of data
- Analyze sensor data with timely reports

Markets

- Essential Remote Technology Locations
- Backup Generators

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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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