

Automated Wireless Monitoring

Monitor - Report - Alarm - Protect



Pharmaceutical, Lab & Scientific

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Monitoring products and samples whilst satisfying the demands of legislations.

System Overview

The ADMWISE Platform System provides an uncomplicated 24/7 cloud based, automated monitoring system; which is ideal for both single and multinational sites, providing a secure and simple way of streamlining the day to day monitoring of products and samples whilst satisfying the demands of legislations. Providing accurate, continuous temperature records for all your monitoring points, the ADMWISE Platform System gives you full control over your site.



We provide

- Real time data viewable from any web browser enabled operating system and device.
- All data managed by ADMWISE and stored on multi servers offsite.
- Tamperproof data satisfying MHRA, HTA, FDA, NHS, CFR 21 Part 11 all under our ISO9001:2015 Quality Management System.
- System Maintenance and Calibration carried out onsite by ADMWISE to a UKAS standard.
- Temperatures, alarms and full system audit reports at the touch of a button, from the date of install.
- Escalation alarms generated via emails and SMS.
- Alarms for out of parameter readings with alerts to an unlimited number of personnel.
- Passwords allocated for Administrator/Power User/ Users to ensure greater control on who can view and action relative requirements.
- Available for an unlimited number of sensors and sites.

ADMWISE Platform GEN-LBS2 GSM & LAN Base Station

- Receives data from the ADMWISE Platform wireless sensor modules (433MHz ISM Band).
- Uploads the measurement data via GSM or LAN to the ADMWISE Platform Web Server.
- Internal data flash memory (2MB) for storing sensor data. This data can be recovered remotely via LAN.
- USB connection for configuration purposes.
- Operates as a stand-alone device utilising 7V supply (1A).
- Robust case. External 433MHz antenna.
- On board, rechargeable battery that allows the device to function without external power supply for up to 4 hours.

ADMWISE Platform Repeater GEN-RPT1

- Receives data from the ADMWISE Platform wireless sensor modules (433MHz ISM Band).
- Retransmits the same data, thereby increasing the RF Range.
- Internal rechargeable battery that allows the device to function without external power supply for up to 4 hours.
- Enclosures 83*58*33mm (IP66)



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Digital Transmitter

Integrated Sensor GEN-TINT1

- Transmits temperature data via 433 MHz ISM Band.
- Measures every 45 seconds (on average)
- Accuracy: $\pm 0.5^{\circ}\text{C}$ (max) from -20°C to $+50^{\circ}\text{C}$.
- Temperature range external probe: -20°C to $+50^{\circ}\text{C}$
- Supply by one non-rechargeable Li battery AA 3.6v.
- Battery life >5 years.
- Waterproof enclosures 83*58*33mm (IP66).

PT100 External Wired Sensor GEN-PXW1

- Transmits temperature data via 433MHz ISM band.
- Measures every 45 seconds (on average).
- Accuracy: $\pm 0.5^{\circ}\text{C}$ (max) from -40°C to $+100^{\circ}\text{C}$.
- Temperature range external PT100 probe: -196°C to $+250^{\circ}\text{C}$.
- Supply by one non-rechargeable Li battery AA 3.6v.
- Battery Life >5 years.
- Waterproof enclosures 83*58*33mm (IP66).

External Wired Sensor

GEN-TEXW1

- Transmits temperature data via 433MHz ISM band.
- Measures every 45 seconds on average.
- Accuracy: $\pm 0.5^{\circ}\text{C}$ (max) from -20°C to $+100^{\circ}\text{C}$.
- Temperature range external probe: -40°C to $+125^{\circ}\text{C}$.
- Supply by one non-rechargeable Li battery AA 3.6v.
- Battery Life >5 years.
- Waterproof enclosures 83*58*33mm (IP66)
- This sensor can also be supplied as a dual wired option GEN-TDXW1

Temperature and Humidity Sensor

GEN-THINT1

- Transmits temperature and Relative humidity data via 433MHz ISM band.
- Measures every 45 seconds (on average).
- Internal or external probes available.
 - Temperature measurement range and accuracy:
 - $\pm 0.3^{\circ}\text{C}$ (max.) from -25°C to $+110^{\circ}\text{C}$
 - Humidity measurement range and accuracy:
 - $\pm 2\%RH$ from 20% to 60%
 - $\pm 3\%RH$ from 0-20%
 - $\pm 4\%RH$ 80% to 100%
- Supply by one standard non-rechargeable Li battery.
- Expected battery lifetime over 10 years.
- box 83*58*33 mm. Internal probe has a hole in the box.



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Testimonials

- Ability to remotely monitor freezer temperatures in real time.
- Numerous ways to view our data and monitor the progress of alarms and choose our plan of action without any unnecessary call-outs out of hours
- Peace of mind in looking after ten years worth of irreplaceable research.
- The team are very vigilant in identifying problems and are very fast in responding.
- We would definitely recommend them

Dr. Cally Gill B.Sc.(Hons), Ph.D.

Research Technician,
Division of Women's Health
St Thomas' Hospital London.

I have known the team for five years, and we have worked on a number of mapping and validation projects together. I have found them to be knowledgeable, reliable, efficient, cost effective and I have only ever received positive feedback from clients or colleagues I have introduced them to.

I would not hesitate in recommending them.

Dave Rushton

Paradigm Shift Consulting Limited

For further information



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