



## Flexible, Practical, Remote Data Acquisition

Cost effective stationary monitoring in the LANDTEC System is easily accomplished using the Universal DAQ. This streamlined platform enables monitoring and data collection from a wide variety of devices and manufacturers at remote locations. Ideal for monitoring continuous operation as well as periodic flare shutdowns and startups, liquid levels in containment tanks, main valve status, pump operations, vibration detection, blower temperature and more.

### Features

- Alarming and notification to cell phones and other mobile devices and via email.
- Secure, intuitive web-based setup, configuration, and review of stored data.
- Flexible serial, digital, and analog I/O interfaces; connect to almost any type of sensor or data stream.
- GSM cellular modem for cost effective data communications on almost any wireless network worldwide.

### Benefits

- Dramatically reduce manpower, energy, field service time and downtime costs.
- Gain continuous access to your remote equipment—wherever it is.
- Improve the efficiency of monitoring multiple sites
- Easy to install and configure

### Applications

- Closed LF Sites
- Anaerobic Digesters
- Candlestick Flares
- Weather Stations
- Sites With Minimal Monitoring Requirements



# The Universal DAQ is ideal for Closed Landfills, Digesters, or Other Sites with minimal Monitoring requirements

UNIQUE DATA ACQUISITION MODE ALLOWS COST EFFECTIVE WIRELESS DATA LOGGING AT USER-DEFINED INTERVALS.

EXPANDABLE INPUTS AND OUTPUTS ALLOW CUSTOM CONFIGURATIONS TO MEET SITE REQUIREMENTS.

Integrated GSM Radio (Standard Configuration)	900/1800MHz. GPRS capable International Frequencies available
Digital Inputs	8 standard
Analog Inputs	8 standard: 4-20mA (optional 0-5 V, or thermocouple)
Serial Ports	1 RS232/422 1 USB 1 Ethernet MODBUS compatible
Backup Battery	Optional
Operating Temperature Range	-40°C to +70°C (not including backup battery)
Dimensions	H 36", W 24" , D 7"
Input Power (Standard)	Isolation Transformer for 110 or 240VAC



The Universal DAQ is a stationary monitoring component of the LANDTEC System. From the source to the report, the LANDTEC System is a comprehensive solution that begins with in-line gas flow measurement and sampling devices, includes portable gas analyzers, continuous stationary monitoring systems and world class analytical software.

- Collect ... data repeatedly from the field accurately
- Validate ... all field data thoroughly to ensure accuracy and integrity
- Analyze ... data proactively for trends over time and gas production performance
- Communicate ... relevant and useful information to decision-makers in reports, graphs and maps

***“Using the LANDTEC System enables all involved to extract useful information from mountains of field data.”***



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