

Daq>W Wireless Data Acquisition System

Wireless sensor modules dotted around the wellsite like silent sentries keeping an eye on operations. No wires to trip over, no connections to make or become corroded. Each sensor helping out its neighbours to reduce interference and increase range.

This vision of the future is now a reality with AnTech's Daq>W, wireless data acquisition systems: Transmitting data wirelessly across the wellsite or even via secure satellite internet for remote monitoring.

By collecting data and providing the right information to the operator, simply and effectively, with minimal user interaction, AnTech's Daq> family can help improve productivity and performance. And with the, ATEX certified, Daq>W system, the user can be guaranteed safe use of the system even in Zone 0, hazardous areas.



“A truly safe and reliable wireless system...”

Features and Benefits

1. **Safe** - Certified to ATEX standard for use in Zone 0 hazardous areas. There is no restriction on where the sensors can be placed and there are no cables that can become damaged or create a hazard.
2. **Reliable & accurate** - Real time data is provided, direct from the sensors with no risk of lost data. Even if wireless links are lost, onboard memory stores the data until the link is established.
3. **Easy to use** - Light and portable devices with user friendly interfaces make the system easy to install and operate.
4. **Scalable** - The use of extender units, coupled with a mesh network provides extendable range, and resistance to interference. The network is licence-free worldwide, with additional units able to be added as required.
5. **Fully supported** - We provide and support a complete wireless solution to suit the needs of your CT unit and wellsite application. Offsite / onsite support and training schools are available to get you operational as fast as possible.

Applications


AnTech's suite of Data Acquisition Tools Daq> are designed specifically for CT operations in Zone 0 Hazardous Areas. They are perfect for acquiring and transmitting the data necessary for monitoring and reporting and can be used across numerous functions including:

- Pumping
- Drilling
- Setting Plugs
- Shifting Sleeves
- Monitoring / Confirming Expansions

Ratings/Specifications

Specifications	
Connectivity - Number of sensors	64 - additional repeaters can be connected - each repeater can connect to 8 concurrent sensors
Compatibility - type of sensors	4-20mA
Wireless protocol	2.4GHz ZigBee Protocol over a mesh network
Extender unit range	250m
Power supply	Lithium battery / alkaline battery - unit dependent
Battery life	More than 1 year life*
Temperature limits	T5, 135 °C extended ambient rating -40 °C to +50 °C

* at 1 min sample rate

ATEX APPROVALS	
Standards	ATEX Directive 94/9/EC EN60079
Coding	 II 2G Ex ia IIC T4 (Battery units)



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About AnTech Ltd

AnTech specialises in the design and manufacture of innovative products for the international upstream oil and gas industries. The company is known throughout the world of oil and gas exploration for its range of award winning coiled tubing tools and related permanent completion products that also promote safety, efficiency and cost effectiveness.