

DATAPORT™

WIRELESS MEASUREMENT

EASY, RELIABLE, ACCURATE

AKS Technologies is committed to reliable, accurate measurement for SCADA and well testing applications in the energy industry. For years we have catered to each application to ensure needs were met and expectations were exceeded. DATAPORT™ is the flag ship of this commitment.

The costs savings between standard wired SCADA sensors and the AKS DATAPORT™ wireless technology makes using our process measurement an easy decision. Let us prove these cost savings by creating a value analysis for your project today and we will demonstrate our value to you.

Operations can now move sensors from one point to another without calling an electrician or instrument technician. All configuration of the sensors is achieved by simple "yes/no" commands via the on screen display. The base radio system even auto recognizes new sensors coming into it and begins logging the data with no intervention required.



BASIC CAGE ASSEMBLY

In its most basic form the base radio can be sold as compact cage assembly for mounting inside your pre-existing panel assembly. Multiple mounting options are available and has typical screw style terminals the industry has set as standard. This option allows AKS to custom create a logging solution for any application



PORTABLE CLASS 1, DIVISION 1 HOUSING

The most popular choice for off shore applications, our base radio is housed inside a class 1, division 1 enclosure and rated for hazardous locations. The antenna is also rated for these environments and can be mounted to a pipe or building wall as a more permanent application or we can mount it on a portable stand for temporary well testing.



PORTABLE WELL TEST CONFIGURATION

Our top selling packages almost always include a iPro 1000 or iPro 3000. These robust and very portable units are capable of withstanding crushing pressures and the harshest environments. All the functionality of our base radio logger is now coupled with impressive battery life, virtually unlimited data extract and delivery options all at an affordable price.



UNLIMITED MEASUREMENT OPTIONS

With a full range of sensors, there is no process we can't measure. All our sensors have proper FCC, UL, and European governing body approvals. Each new sensor includes a calibration certificate and a full one year warranty. In most cases we can even rent a complete system for longer term testing.

Each sensor is independent and can be used as a stand-alone display or it can be tied into the most complex SCADA environment. No wiring is required as each sensor has a built in spread spectrum radio that has enough power to penetrate complex levels of offshore platforms or over 1.25 miles (line of sight). All this with only a standard single "C" cell sized battery.



AVAILABLE SENSORS	
SENSOR	RANGE
Pressure	5 to 15,000 psig 30 to 250 psia
Differential Pressure	100 "wc , 300 "wc or 25 psi
Temperature	RTD or Thermocouple 1" to 84"
Turbine Flow (Rate, Totalizer) Ex pictured , IS available	All Standard Ranges
Dual Analog Input	4-20mA or 0-10VDC
Petrotape Tank Level Gauge (not pictured)	3 ft to 100 ft
SRO Down-hole Pressure (not pictured)	750 psig to 20,000 psig
Switch Closure input (not pictured)	Self-Powered
Hydrostatic Tank Level	5 to 30 psig



UPCOMING FEATURES

Data monitoring and gathering for Green House Gas Emissions reporting

Wireless Modbus sensors make any field device wireless

Wireless remote solenoids for reliable, low cost shut-in capability



AKS reserves the right to alter, change or make revisions as necessary to any of the above statements. For exact specifications, please visit our website for individual spec sheets on any of the above sensors or base radios.

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