AKSES
Smart Grid Systems

VERI.NET®
DATA LOGGER

GSM/GPRS
DATA LOGGER

Veri.net is an advanced datalogger device with different channel options, fully integrated GSM/GPRS communication module, optional external antenna and enhanced battery features.

Veri.net is designed to monitor pipeline networks as well as being usable in many other applications.

Recorded data, counter registers, pressure measurements and alarm messages are sent to central system through GSM/GPRS network. Effective use of GPRS communication and low current consumption of the device provide extra-long battery life.

> Measurement & tracking of pressure
> Can also be used with other types of sensors
> Adjustable logging & connection periods
> Can be used together with pressure adjustment valves
> Enhanced telemetry and GPRS communication features
> Local connection port
> Flexible to be used in various environments

VERI.net DATALOGGER DEVICES

> Durable structure for harsh environmental conditions
> IP68 Waterproof enclosure and connectors with cap
> Internal pressure sensors
> Optionally can be used with external sensors
> Compatible with different types of sensors 0-20mA, 4-20mA, 0-1V, 0-10V
> All configuration can be accessed through RS232 serial connection
> Wide operating temperature range
> Maintenance free, long battery life
> Easy mounting and connection

Field data stored in VERİ.net can be collected and analysed through enterprice level ACE-Center software application. Features such as geographical information system support, marking devices on dynamic map, access to data, report and graphics through the map, alarm list and reports are presented as web-based. Alternatively VERİ.net can send data directly to your corporate database without any backoffice software.

Veri.net, a battery-operated data logger device, enables measuring and recording different physical entities in the most difficult ambient conditions. Solid body structure protects precise electronic circuits against dust, damp, water and mechanical strikes. CE documentation with tests done at accredited laboratories is the guarantee for you to use the device in many areas securely.

TECHNICAL SPECIFICATION

Pressure Inputs:	0 – 25 bar Input range +/- 0.5 nonlinearity +/- 0.1 repeatability
Dijital Inputs:	Pulse Counter input for flow Suitable for reed contact, Namur
Communication:	Quad band GSM/GPRS modem Integrated antenna (Opsional external antenna)
Comm Rate:	Programmable from 15 minutes up to 10 days
Recording Rate:	Programmable from 1 minutes up to 60 minutes
Sampling Rate:	1-60 minutes depending on settings
Serial Port:	RS232, full dupleks, asynchronous, 4800 bps
Memory:	512K, solid state, nonvolatile User can be set Site ID/Name Read-only Datalogger ID
Clock:	24 hour real time clock feature with date facility
Power Supply:	Exchangeable on site,Internal Lithium Battery Battery lifetime> 5 years (depending on mode of use)
Alarm:	Alarm Cry-out function Programmable high /low threshold levels Independently configurable for each channel via local serial port or remotely
Operating Conditions:	-20C to +50C temperature range IP68 protection class
Dimensions:	229 x 138 x 85 mm (G x Y x D) Polycarbonate housing material

ACCESSORİES

> Pulse cable
> Pressure input pipes
> Communication cable
> Optical communication extender
> GSM / GPRS External Antenna
> Configuration software
> Mounting kit

İvedik OSB 2224. Cadde E Blok,
No:1, E213 Yenimahalle/Ankara/TURKEY
+90 312 502 4055
+90 312 230 7261
info@akses.com.tr
www. akses.com.tr

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DATA LOGGER

akses.com.tr | info@akses.com.tr

Will way your future