DataCell

R

Data logger

For remote monitoring in all environments.

Applications:

• Key account metering

• Irrigation monitoring

• Event monitoring

• Remote metering

• Difficult to access sites

• Process monitoring

• Flow monitoring

Features:

• Designed for industrial use

• Four programmable inputs

• Waterproof to 1 metre

• SMS and e-mail reporting

• Stores 2 Million Records

• 10 year battery life*

AEGIS

DataCell

Product Overview

The DataCell R data logger has been designed to meet the harsh environmental realities of monitoring industrial and utility equipment. Powered by a long life battery and waterproof to 1 metre, it is robust enough to be installed in inspection pits or exposed to the weather, without the need for specialised tools or running cables.

Once installed the DataCell thinks for itself, returning information to multiple users via e-mail or SMS providing data and reporting alarms such as zero usage or maximum demand events automatically.

Extremely flexible, the DataCell R has four digital inputs and can be programmed to record data in intervals ranging from 1 second to 99 minutes and has memory capacity to store up to 2 million records. The Connect software suite provides easy to use tools for data analysis and export to data bases and spread sheets.

Field proven in applications as diverse a water level sensing, utility metering and security monitoring, the DataCell R is the obvious choice for your data collection and operational monitoring needs.

Specifications

Inputs

Up to 4 unpowered floating Voltage free inputs.
Short cable mode:-   Max input cable length 4 metres
Long cable mode:-   Max input cable length 10 metres

Communications

Serial: Infrared interface

Wireless: GSM / GPRS modem

Logging

Memory	2 million records
Alarms	Low or Zero usage in a period
	High usage in a period
	Return of state
	Tamper detection
Clock	Real time with time and date stamp facility
*Battery life	Typically 10 years at one call per day

Physical

Dimensions	93mmØ x 230mm
Weight	970 grams
Environmental	IP68
Operating Temperature	-20°C to +75°C for all logger functions
	-20°C to +55°C for GSM functions

Part Number   CZ21002

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