

DYWIDAG Wireless Data Logger

DATA LOGGER



Features & Benefits

- Simple compact installation
- Plug and play rapid deployment
- Multiple file types and sources
- Low voltage system
- GPRS Fixed IP communications
- Robust and site ready design

The DYWIDAG wireless Data Logger module is a wireless or direct bus connected data logger capable of recording data from multiple wireless or direct bus monitoring systems. The wireless data logger is configured to accept data from multiple sources and types of sensor. It is equipped with a fixed IP Cellular Router to stream data to Infrastructure Intelligence, DYWIDAG's web database or any other data repository. Simple and easy to program, this component is a plug-and-play device to interface all DYWIDAG's instrumentation.

Fact Sheet DYWIDAG Wireless Data Logger

DYWIDAG Wireless Data Logger Technical Specification

SAMPLE RATE	Adjustable Max - 1 minute Min - 18 hours
INPUTS / OUTPUTS	I/O via Data Logger bus
MODEM/CELLULAR ROUTER	Sierra Wireless Airlink LS 300, Data via RS-232
MEMORY	1Mb non-volatile
OPERATING TEMPERATURE	-25°C to +85°C
DIRECT BUS CONNECTED MODULES (31 MODULE CAPACITY)	• 8 channel Vibrating Wire interface module • 24 channel MEMS IPI interface module • Multi I/O which has 16 analogue inputs / outputs 16 digital inputs / outputs
DIMENSIONS	400 x 300 x 200mm
WIRELESS TRANSCEIVER (31 MODULE CAPACITY)	• 1 channel VW module • 8 channel VW module • 1 channel MEMS module • 24 channel MEMS module • 1 channel bridge sensor input range +22mV/V to -22mV/V module
POWER REQUIREMENTS	10 to 30V dc
TOTAL WEIGHT	8.5KG
BATTERY SUPPLY (12V DC)	17Ahr



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