



PRODUCT CATEGORY:
READOUTS + DATA LOGGERS

DT SERIES

DATA LOGGERS



The "DT Series" Data Loggers from RST Instruments Ltd. accommodate the RSTAR and DT LINK Wireless Data Collection Systems and can also be used as non-wireless, stand-alone data loggers without an antenna. Most data loggers in this collection use a single lithium 'C' or 'D' cell which provides up to 10 years of power*. The DT Series provides reliable, unattended monitoring of various sensor types: vibrating wire sensors, potentiometers, MEMS tilt sensors, strain gauge (full bridge) sensors, digitally bussed sensors ("DT-BUS"), 4-20 mA sensors, and thermistors. More details on RSTAR (fully automated wireless data collection) and DT LINK (semi-automated wireless data collection) can be found at:

www.rstinstruments.com/Wireless-Data-Collection.html
or contact RST Instruments at sales@rstinstruments.com.



DT2011B

Single Channel
Vibrating Wire Data Logger

Monitors a single vibrating wire sensor and thermistor. Connects to all[†] vibrating wire sensors including piezometers, crack meters and strain gauges.



DT2040

20/40 Channel
Vibrating Wire/Thermistor Data Logger

Monitors up to 40 sensors which may be any mix of vibrating wire and thermistors, typically 20 vibrating wire sensors with their associated thermistors and/or thermistor strings. Connects to all[†] vibrating wire sensors including piezometers, crack meters, and strain gauges.



DT2055B

5/10 Channel
Vibrating Wire/Thermistor Data Logger

Monitors up to 10 sensors which may be any mix of vibrating wire and thermistors, typically 5 vibrating wire sensors with their associated thermistors. Connects to all[†] vibrating wire sensors including piezometers, crack meters, and strain gauges.



DT2306

Potentiometer Data Logger

Monitors up to 3 potentiometer extensometers with up to 6 sensors each. It has 3-10 pin connectors on the outside of the enclosure for quick connection of multi-point potentiometer extensometers.



DT2350

2 Channel Load Cell Data Logger

A data logger that can monitor up to 2 channels for resistance strain gauge load cells and other strain gauge sensors, pressure transducers, etc.



DT2485

DT-BUS (Digital Bus) Data Logger

Automatically collects data from RST's "DT-BUS" sensors, instruments that are bussed together along one single cable running the length of the entire chain of connected sensors - such as a string of In-Place Inclinometers. A string of up to 40 DT-BUS sensors can be read by the DT2485.



DT4205

5/10 Channel
4-20mA Transmitter Data Logger
Thermistor Data Logger

Monitors up to 10 channels which may be any mix of 4-20mA sensors or thermistors.



DTL201B

Uniaxial Tilt Data Logger

A data logger and tilt meter in a single, compact unit. The DTL201B measures tilt in one (uniaxial) axis. It is intended to be permanently installed to provide long term observation.



DTL202B

Biaxial Tilt Data Logger

A data logger and tilt meter in a single, compact unit. The DTL202B measures tilt in two (biaxial) perpendicular axes in the plane of the base. It is intended to be permanently installed to provide long term observation.