

Dynalog 300

General Logger System



Overview

The Dynalog 300 system includes CR300 data logger, weatherproof enclosure, programming software, battery & charger, and comes fully assembled and tested. The CR300 is a multi-purpose, compact measurement and control data logger. This small, low-cost, high-value data logger offers fast communications, low power requirements, built-in USB, and excellent analog input accuracy and resolution.

The CR300 can measure most hydrological, meteorological, environmental, and industrial sensors. It concentrates data, makes it available over varied networks, and delivers it using your preferred output protocol. It also performs automated on-site or remote decision making for control and M2M communications. The Dynalog 300 is ideal for small applications requiring long-term remote monitoring and control.



Specifications

Analog Inputs

6 single-ended or 3 differential (individually configured)

Pulse Counters

8 (P_SW, P_LL, C1, C2, and SE1 to SE4)

Voltage Excitation Terminals

2 (VX1, VX2)

Communications Ports

- > USB Micro B
- > RS-232

Switched 12 Volt

1 terminal

Input Limits

-100 to +2500 mV

Power Requirements

16 to 32 Vdc for charger input (CHG)

Communication Protocols

PakBus, Modbus, DNP3, SDI-12, TCP, UDP, and others

Data Storage

30 MB serial flash

Dimensions

13.97 x 7.62 x 4.56 cm (5.5 x 3.0 x 1.8 in.)

Additional clearance required for cables and leads

Weight

242 to 250 g (0.53 to 0.55 lb) depending on communication option selected

Features

- Comes as a complete package
- Programming software included
- Advanced CR300 data logger
- RF wireless option available
- Works with most weather and environmental monitoring sensors
- Flexible and versatile
- Compact and capable