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Model: ECD232DL-DV-2P-1
Isolated RS-232 Data Logger

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ECD232DL, RS-232 Data Logger is designed for real-time data logging, It receives data (ASCII code) via RS-232 from any compatible sensors, equipments and devices.

Each data recorded is date and time-stamped when it is stored (when real time function enabled). A new file (.txt) is generated for each day's worth of data.

Data is stored onto an MMC/SD card. Up to 2GByte capacity is compatible with the device. Higher capacity cards are not supported. The MMC/SD card can be removed from the logger and inserted into the card reader which connected to a PC, stored data files are accessed in the same way as files on the computer's other disk drives. The files may be read and manipulated in any standard program (e.g. Notepad, MS Excel…).

Isolation, industrial design, small size, user indication, and DC supply make the ECD232DL a very engineer-friendly device for your data communication system data logging.

Specification

RS-232 Port

Signal Type	:EIA/RS-232E
Voltage Level	:+/-9Vdc
Permitted Surge	:+/-25Vdc

Power Supply

9-24Vdc   :2Watt (approx)
5Vdc+/-5%   :400mA.

LEDs indicate the power supply and isolated power (RS-232 end) status.

Isolation (ISO/IEC 9549) and Communication

Supply to RS-232   : 2500V.
Data baud rate   : 4800, 9600, 19200, 38400 and 57600bps.
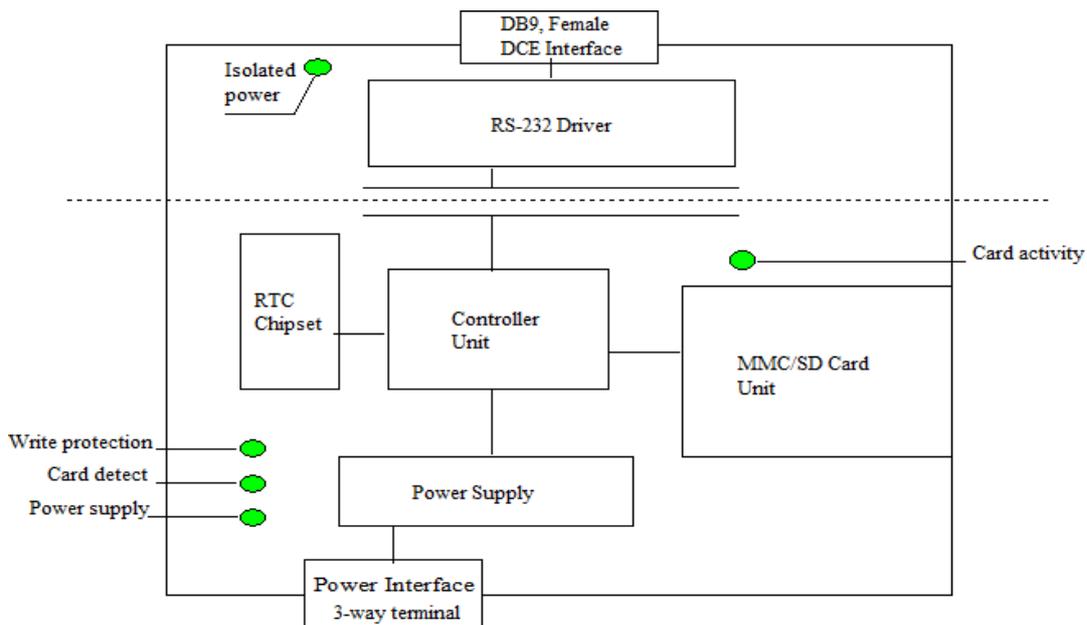Data Format   : 8N1.
Data buffer   : 256bytes.

LED indicators

Power indicators indicate the power supply and isolated power status. Card detect LED indicates the MMC/SD card present. Write protect LED indicates the MMC/SD card write protection. Write activity LED indicates the data recorded activity.
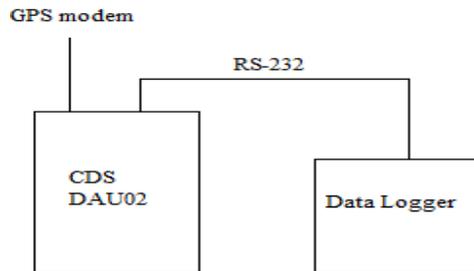
Mechanical/Environment

Operating Range   : 0C to +65C
Storage Range   :-40C to +100C
Relative Humidity   : 10 to 90% RH, non-condensing.
Terminal (power)   : wire up to 2.5mm (12 AWG)
D-shell connector   : 9-pin female, 30u gold socket rated 500 cycles.
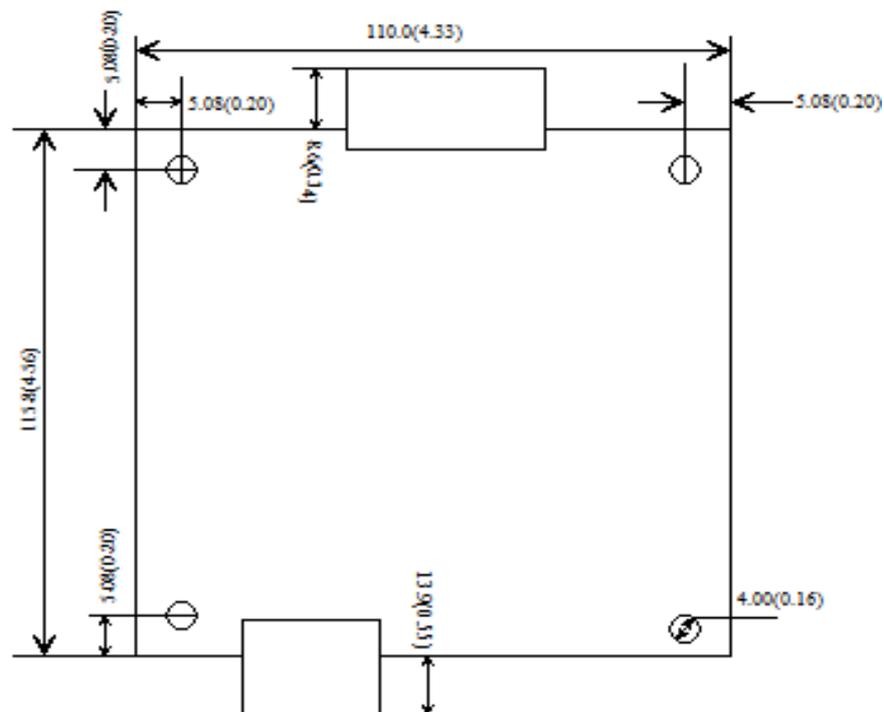Weight   : approx. 259g

Block diagram

Application

Order information

ECD232DL			Isolated RS-232 Data Logger
	-DV		9v to 24v unregulated DC power
	-5V		5v +/-5% regulated DC power
		1P	Non-isolated
		2P	RS-232 to power supply isolated

Dimensions in mm (and inches)

Note: Specifications subject to change without notice.