

RFD

Remote Flash Disk

Description

RFD is an extension box containing a compact flash allowing to extract quickly the data from the Data Logger (RDL, HRDL) or ECU with internal Data Logger (Marvel) and put them on a PC running Wintax.

Main Features

- Up to 1 Gbyte Removable flash card memory
- Up to 128 kbyte/s logging rate (via ARCNET)
- Up to 40 kbyte/s logging rate (via CAN)
- 1 CAN communication buses
- 1 Ethernet line
- 1 ARCNet line
- 1 RS 232

Benefits

- It's possible take all data without the needed to be connected to the logger
- All data are immediately available
- Robust design, easy to install



Typical Applications

Professional circuit and rally applications
 One make race series
 Formula series

DATA LOGGER

RFD

Remote Flash Disk

Technical Characteristics

Communications

CAN line (1 Mbit/s (*)).....	1
ARCNet line (10 Mbit/s).....	1
Ethernet line (100 Mbit/s).....	1
RS232.....	1

(*) Configurable on request

Logic Core

Microcontroller (80 MIPS RISC).....	1
Flash E2PROM (microcontroller).....	1 Mbyte
RAM memory (microcontroller).....	48 Kbyte
RAM memory.....	512 Kbyte
E2PROM.....	64 Kbyte

Logging

Removable flash card memory.....	Up to 1 Gbyte
Logging rate (via ARCNET).....	Up to 128 Kbyte/s
Logging rate (via CAN).....	Up to 40 Kbyte/s

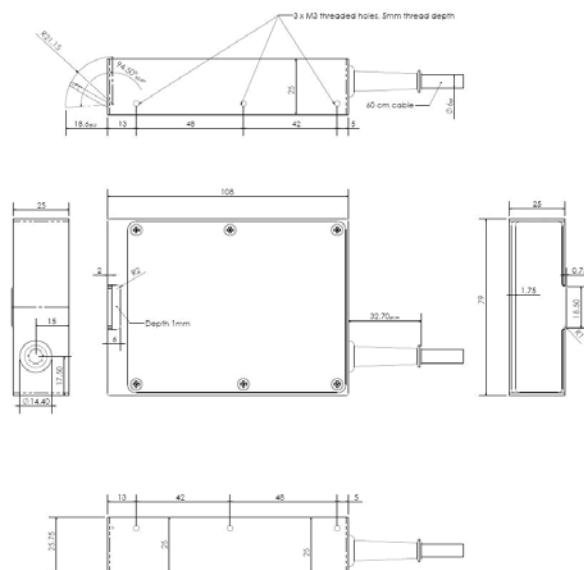
Other Characteristics

Power supply.....	9 to 18 V
Operating temperature range (internal).....	-40 to 85 °C
Dimensions	
without cable.....	108 x 79 x 26 mm
Cable length.....	0.3 m
Weight (approx.).....	240 g

Pin Out

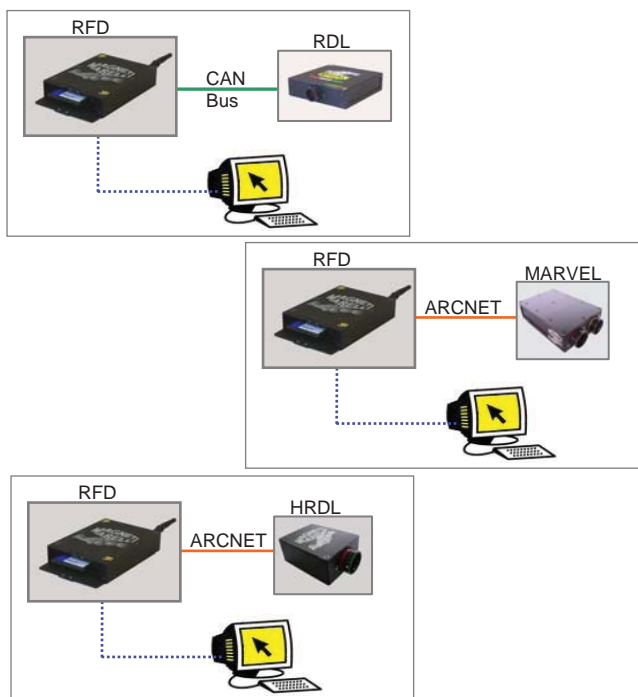
Loom note	Colour	Description	Function
	Red	Vbatt +	Supply
	Black	Vbatt -	Supply
1 Twisted pair	Gray	CAN +	Communication with RDL
	Orange	CAN -	Communication with RDL
	Yellow	Codeload	Internal use
1 Twisted pair	Red	RS232 Rx	Internal use
	Yellow	RS232 Tx	Internal use
1 Twisted pair	Purple	ARCNet +	Communication with Marvel, HRDL
	Brown	ARCNet -	Communication with Marvel, HRDL
2 Twisted pair	White	Eth TX +	Internal use
	Green	Eth TX -	Internal use
	White	Eth RX +	Internal use
	Orange	Eth RX -	Internal use

Dimensions



Dimensions in millimetres

Application Schematics



For further information, please contact:



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