DATA SHEET

ARD4 autonomous recording device

Description about the product:

- Recording and management of data events, such as Egress, Ingress and GPS coordinates.
- Tech-free unit switch on/off when mounted in the vehicle.
- Self-Update of new configurations and firmware.
- Data Upload to the CPATWEB application via Cellular or WIFI communication.
- Self-control for other add on modules (DRV3, DRV3Lite, DRV4 and ITX2).
- Real-Time Leakage measurement via CPAT WEB.

The ARD4 autonomous recording device is the main component that records and detects the egress and ingress events in the network. The ARD4 pairs up with other devices and handles the GPS positioning, egress and ingress recording, and the uploading of events. It is a versatile wireless data transfer hub.

SPECIFICATIONS

	ARD4
	DETAILS
Operating system	Linux
Data Storage	**Upto1000hours ofdata≥25weeks@ 40hours**
Power	12VDC 200 mA
Wireless Link	WIFI or Cellular
GPS module	Accuracy 2.5m (cold start 30s)
Communication port	2 USB serial port host
Network connector	Proprietary use
Proprietary connectors	1 connector for each of the following ITX2, DRV4 expansion ports - 1 connector for each of the following GPS and Wireless communication module antennas
GPS status LED	Blanked during GPS initialization, red when invalid GPS position and green when valid GPS position.
Wireless Communication LED	Green when uploading/downloading to a wireless infrastructure, blinks red error during transmission and off when module is idle.
Power LED	Red when booting, green when on and red on error and off when power off flashing green when shutting down.
Diag LED	Flashing green when leakage is detected, red if missing device.
	DETAILS
Dimensions (H x W x D)	3.3 cm x 11.2 cm x 22.3 cm / 1.3” x 4.4” x 8.8”
Weight	652g / 23 oz
Operating Temperature	-20˚ to +60˚ C / -4˚ to +140˚ F

* Specifications subject to change without prior notice.

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