

The **ARD4** autonomous recording device is the main component that autonomously 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.

HIGHLIGHTS

Recording and management of data events, such as egress, ingress, AVL

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Tech-free unit switch on or off when mounted in a vehicle

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Self-update of new parameters and firmware

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Data upload to the CPAT WEB egress and ingress management software for post-processing

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Self-control for other CPAT FLEX add-on modules, related to egress (DRV3, DRV3 *Lite* and DRV4), and ingress (ITX2)



SPECIFICATIONS

ARD4

SYSTEM	Details
Operating system	Linux
Data storage	Up to 1000 hours of data ≥ 25 weeks @ 40 hours
Power	12 VDC, 200 mA
Wireless link	WiFi or cellular (HSDPA)
GPS module	Accuracy 2.5 m (cold start 30 s)
Communication port	2 USB serial ports (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' if error during transmission and 'off' when module is idle
Power LED	'Red' when booting, 'green' when on, '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

PHYSICAL	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	652 g / 23 ounces
Operating temperature	-20° to +60° C / -4° to +140° F

ORDERING INFO	P/N
ARD4 - WiFi Autonomous recording device	150-00020-100
ARD4 - HSDPA Autonomous recording device	150-00018-100

RELATED ITEMS	P/N
DRV3 - Portable digital leakage receiver	150-00031-752
DRV4 - Vehicle-based digital leakage receiver	150-00035-100
ITX2 - Portable ingress radio transmitter	150-00026-100
DRV3 Lite - <i>Lite</i> digital leakage receiver	150-00033-100

* Specifications subject to change without prior notice.



TECHNICAL SUPPORT TEAM

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