

REXGEN Pro

CAN bus data logger

Advanced CAN-to-cloud platform with edge compute

CAN & BUSES

CAN channels	Up to 4 × CAN/CAN FD
LIN channels	2 × LIN
Analog inputs	3 analog
Digital I/O	2
GNSS	Integrated GNSS
IMU	6-axis IMU
Connectivity	LTE CAT4 modem
Protocols	UDS, XCP, J1939, OBD, CAN FD, LIN
Triggering	CAN ID, CAN signal, digital input, DM1 counter, internal channel
Filters	200 ID filters
Max bit rate	1 Mbit/s (CAN 2.0), 8 Mbit/s (CAN FD)
Analog detail	±10 V, 12-bit, 1 kHz, >50 ohm
CAN functions	Custom baud, J1939, DBC, silent, error detect

STORAGE & DATA

Onboard storage	32 GB eMMC
Export	MDF4, CSV, MATLAB, ASC, BLF, TRC, Apache Parquet
Configuration	REXDESK + cloud
Processor	NXP i.MX8 mini quad-core
Real-time clock	Battery-backed RTC

POWER

Supply voltage	6.5 V to 27 V
Power saving	Wake-on-CAN, Wake-on-Movement, sleep, power-down
Max safe input	±28 V

COMPLIANCE & SECURITY

Compliance	ISO 11898-1/-2/-5; ISO 11898-1:2015 (CAN FD); SAE J1939; IP65
Security	UNECE R155-aligned, secure boot, secure element, encrypted transfer

PHYSICAL

Dimensions	159.4 × 81 × 27.8 mm
Weight	300 g
Enclosure	Aluminium
IP rating	IP65
Operating temp	-40°C to +80
Mounting	4 mounting holes
Stackable	Yes
Humidity	Max 90 %

CONNECTORS

PC interface	WIFI
Bus / I/O	JAE Compact Automotive 34-pin connector
Indicators	8
Wireless	Wi-Fi, Bluetooth 5.0 (Ethernet optional)

ORDERING

SKUs	INF2118
Origin	Designed and tested in the United Kingdom
Warranty	12 months from shipping date