

REXGEN 2

CAN bus data logger

CAN/CAN FD and LIN flight data recorder

CAN & BUSES

CAN channels	2 × CAN 2.0/CAN FD
LIN channels	1 × LIN
Max bit rate	1 Mbit/s (CAN 2.0), 8 Mbit/s (CAN FD)
Analog inputs	2
Digital I/O	2 × digital input
Protocols	Raw CAN, CAN FD, LIN, SAE J1939, DM1
Triggering	CAN ID, CAN signal, digital input, DM1 counter
Filters	200 ID filters
Max message rate	20,000 msg/s
Analog detail	±10 V, 12-bit, 1 kHz, >50 ohm

STORAGE & DATA

Onboard storage	8 or 16 GB eMMC (FIFO)
Storage format	FAT32
Export	MDF4, CSV, MATLAB, ASC, BLF, TRC
Configuration	REXDESK
Real-time clock	Yes, timestamps logs
Open API	REXLIBRARY (logging, conversion)

POWER

Supply voltage	+5 V to +27 V (OBD)
Current at 12 V	< 75 mA
Sleep current	< 17 mA normal,
Power saving	Wake-on-CAN, sleep, power-down, silent mode
Max safe input	+34 V power, ±28 V CAN
Sensor supply	5 V, < 10 mA

COMPLIANCE & SECURITY

Compliance	ISO 11898-1/-2/-5; ISO 11898-1:2015 (CAN FD); SAE J1939; J2534; IP65
Security	RSA device locking
Encryption	AES log encryption - licensed option (contact Influx Technology)
Certifications	CE, FCC, RoHS

PHYSICAL

Dimensions	100 × 73.5 × 27.4 mm
Weight	164 g
Enclosure	PC + ABS
IP rating	IP65
Operating temp	-40 to +85 °C
Humidity	Max 90 %
Mounting	4 mounting holes, stainless steel screws
Stackable	Yes

CONNECTORS

PC interface	Micro USB 2.0 (J2534 pass-thru)
Bus / I/O	2 × 9-pin D-Sub (Male + Female)
Indicators	2 × status LED's, one for each CAN

ORDERING

SKUs	INF2110.01 (8GB), INF2110.02 (16GB)
In the box	INF2110; INF6102; INF1099 (REXDESK); INF4300; INF4403 (screws)
Origin	Designed and tested in the United Kingdom
Warranty	12 months from shipping date