

REXGEN 1

CAN bus data logger

Compact single-channel CAN bus data logger

CAN & BUSES

CAN channels	1 × CAN 2.0A/B
Max bit rate	1 Mbit/s (CAN 2.0)
Protocols	Raw CAN, SAE J1939, J1939 DM1
Triggering	CAN ID, parameter value, J1939 DM1 counter
Filters	200 ID filters
Max message rate	20,000 msg/s

STORAGE & DATA

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

POWER

Supply voltage	+5 V to +27 V (OBD)
Current at 12 V	87 mA
Sleep current	< 17 mA normal, < 2 mA deep
Power saving	Wake-on-CAN, sleep, power-down
Max safe input	+34 V power, ±28 V CAN

COMPLIANCE & SECURITY

Compliance	ISO 11898-1, -2:2016, -5:2007; SAE J1939; SAE J2534; IP65 (IEC 60529)
Security	RSA device locking, signed firmware
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	No

CONNECTORS

PC interface	Micro USB 2.0 (J2534 pass-thru)
Bus / I/O	9-pin D-Sub (Standard)
Indicators	1 × status LED

ORDERING

SKUs	INF2109.01
In the box	INF2109; INF6102 (12mo SLA); INF1601 (REXDESK); INF4300 (Micro USB)
Origin	Designed and tested in the United Kingdom
Warranty	12 months from shipping date