

REXGEN Air

CAN bus data logger

CAN-to-cloud LTE telematics data logger

CAN & BUSES

CAN channels	Up to 4 × 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 I/O, 1 × relay driver
GNSS	u-Blox M8U 30 Hz / M8Q 18 Hz, 72-channel, multi-constellation
IMU	6-axis IMU
Connectivity	LTE CAT1 modem (multi-band FDD)
Protocols	Raw CAN, CAN FD, LIN, SAE J1939, DM1, OBD2 requests
Triggering	CAN ID, CAN signal, digital input, DM1 counter, internal channel
Filters	200 ID filters
Max message rate	20,000 msg/s
Transmit	Periodic CAN frame lists (e.g. OBD2)
Analog detail	±10 V signal inputs

STORAGE & DATA

Onboard storage	16 or 32 GB eMMC (configurable)
Export	MDF4, CSV, MATLAB, ASC, BLF, TRC, Apache Parquet
Configuration	REXDESK + cloud (REXcloud)
Cloud	REXcloud; FTP / S3; AWS Lambda example
Real-time clock	Battery-backed, auto-sync (LTE / CAN)

POWER

Supply voltage	+5 V to +27 V (OBD)
Current at 12 V	< 120 mA (no cloud), < 300 mA (cloud)
Sleep current	< 21 mA normal, < 10 mA deep
Power saving	Wake-on-CAN, Wake-on-Movement, sleep, power-down
Max safe input	±28 V on signal inputs

COMPLIANCE & SECURITY

Compliance	ISO 11898-1/-2/-5; ISO 11898-1:2015 (CAN FD); SAE J1939; IP50
Security	device locking, signed firmware (FOTA)
Encryption	SHA log encryption - licensed option (contact Influx Technology)

PHYSICAL

Dimensions	100 × 65 × 30 mm
Enclosure	ABS
IP rating	IP50
Operating temp	−40 to +85 °C
Humidity	90%
Mounting	4 mounting holes
Stackable	Yes

CONNECTORS

PC interface	Micro USB 2.0 (optional via Molex, factory-fit)
Bus / I/O	Molex Mini50 24-pin
Indicators	4
Antenna	External (sold separately)

ORDERING

SKUs	INF2116.NN (configurable up to 32GB)
In the box	Base unit; INF6102; REXDESK; INF4300 (1 per order); ext. antenna sold separately
Origin	Designed and tested in the United Kingdom
Warranty	12 months from shipping date