

Remote Vehicle Testing

Data Logger Flea 4 with Cloud Service



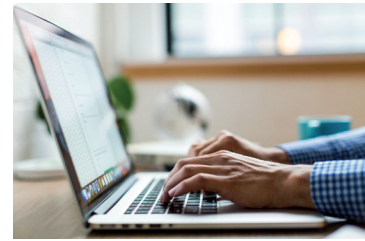
Shifting measurement tasks to remote access

Perform your measurement tasks remotely. The vehicle system Flea superbly combines measurement technology with connectivity. One of the system's key characteristics is that you only have to actually handle it once – when it's installed into the vehicle – and subsequently all operations can be activated remotely. You can easily distribute configurations, collect results, monitor the system status, analyze errors and even update software – all remotely.

Version 4 has taken the unit to new heights in regard to its performance and interfaces and the end-to-end system reveals its true strength and exceptionality when combined with cloud service.

Your benefits

- Uninterrupted remote operation
- Quick and easy implementation
- End-to-end
- With cloud service and telecommunications
- Data security to ensure against loss, manipulation or threat



AREAS OF IMPLEMENTATION



DATA LOGGING



QUALITY ASSURANCE



DIAGNOSTICS



CUSTOMER BEHAVIOR ANALYSIS

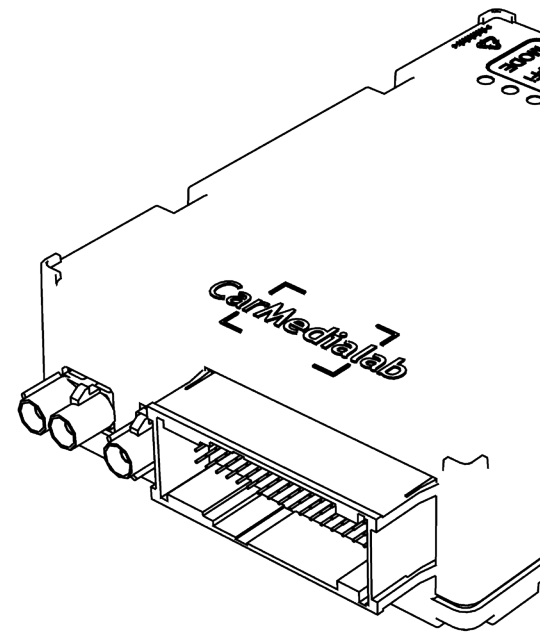


DEVELOPMENT DOCUMENTATION

Data Logger Flea 4

Embedded Platform for Automotive Engineering

Flea 4 is an advanced and progressive telematics platform with outstanding performance and meets the latest and most demanding requirements. With up-to-date vehicle interfaces, even better communication and more extensive sensor technology, Flea 4 offers the perfect basis for innovative and exciting applications.



Diagnostics:

- UDS und KWP
- ISO-TP
- DoIP and SOME / IP
- Skripting DiagRA X-DRA

Onboard statistics:

- Arithmetic and logical operations histograms

Measurement:

- RAW CAN / FlexRay
- CCP / XCP
- SAE J1939 / FMS
- Video

Performance



4 ARM Cortex A 53
with 1.2 GHz (64 Bit)



1 GB LPDDR4 RAM



4 GB eMMC
16 MB NOR
4 - 32 GB internal micro SD (optional)

Vehicle interface



DoIP



Automotive ethernet



USB-C 2.0



FlexRay



CAN FD

Connectivity



4G LTE



WIFI
(optional)



Bluetooth

Sensor technology



Accelerometer



Gyroscope



Dead Reckoning



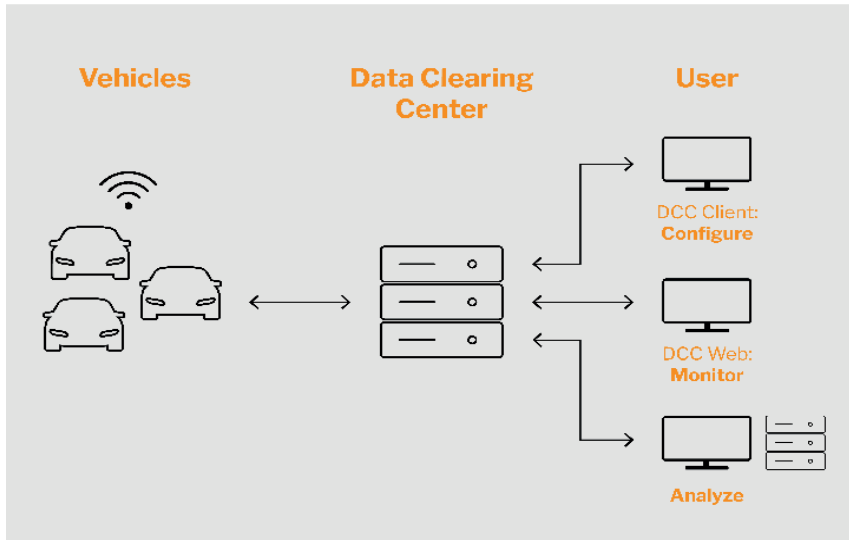
GPS



Compass

Cloud Service

Your data in focus: Configure, monitor, analyze



Complete end-to-end system

Flea 4 is embedded in an integrated end-to-end system comprising the end unit in the vehicle and the data clearing center in the backend.

Remotely managed

The system can be used and managed entirely remotely. Configurations, processes, results, new software, new drivers, security updates, all possible right from your desk.

Software

New compact services and algorithms can be developed and remotely distributed. This keeps the overall system up-to-date and attractive over time.

High degree of automation

Install the system in your vehicle, start the ignition and you're off. The system signs itself onto the backend, gets the relevant configuration and is ready to fulfil its tasks.

Good value for money

The price-per-unit and investment costs are low and paid over the period of a fixed-term contract when it is actually used. This lowers the investment barrier and only results in costs for as long as you use it.

Offer

Ask us about your individual custom package made up of:

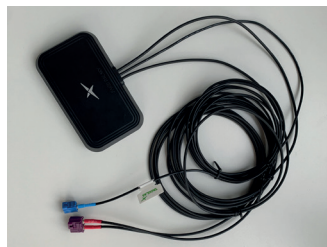
Flea 4



Cloud service



Cables and antenna



We would be delighted to offer personal and individual advice for selecting cables and a suitable cloud service. Please send us an e-mail to: info@carmedialab.com or by using the contact form. We will get back to you within 48 hours.