

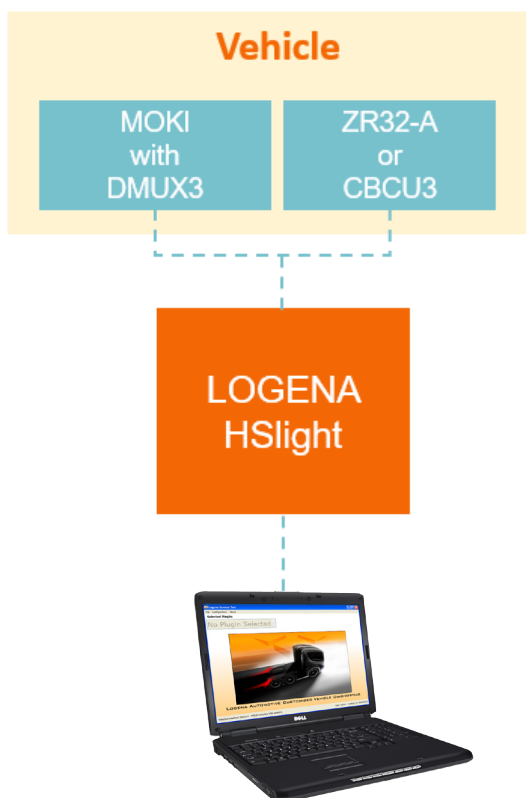
Sioux Logena Service Tool

The Sioux Logena Service Tool, developed by Sioux Logena is a powerful PC tool that answers the need in the market for vehicle diagnostics on the Continental KIBES32 multiplex system.

By connecting the vehicle through the Sioux Logena HSlight CAN interface to a PC it is possible to download software for several KIBES ECU's. It is also possible to change parameter settings and perform diagnostic actions.

Applications

The multi-language Logena Service Tool can be used in the R&D, End of Line (EOL) or Service area.



Knowledge and expertise

Sioux Logena is specialised in developing and integrating software and hardware applications in the automotive industry. With our expert knowledge, Sioux Logena is the technical partner of leading companies in the market. Also specific products like the Logena Tachograph Replacement Unit and a Door Control Unit, help us to support our clients.

Connections

- Vehicle side: OBD-II connector
- PC side: USB type B

Features

- Plugins available for:
 - Continental ZR32-A
 - Continental DMUX32 and DMUX3
 - Continental CBCU3
- CAN communication
- KWP2000 communication
- Realtime I/O Monitoring option for ZR32-A
- Environmental Data option for ZR32-A
- Optional: customization of the GUI

Technical Specifications

Specifications

Product name	Sioux Logena Service Toolkit
Sioux Logena part number	1000258

Sioux Logena Service Tool

PC System requirements for Main Framework

Operating System	Windows 7
Memory	150MB of free space on the hard disk
USB ports	1 USB port for connecting the hardlock/dongle 1 USB port for connecting the interface
Screen Resolution	Minimal 800x600 pixels
Additional	Administrator rights for installing software

Available Plugins/Features

Continental ZR32-A	Central body controller of the KIBES® product family
Continental DMUX32 and DMUX3	Display node of the KIBES® product family
Continental CBCU3	Body controller of the KIBES® product family
ZR32-A Realtime I/O Monitoring	Feature, additional for use with ZR32-A Plugin Enables realtime monitoring of in and outputs of the KIBES® system
ZR32-A Environmental Data	Feature, additional for use with ZR32-A Plugin Enables display of environmental data with when reading faults codes in stored in the KIBES® system

HSLight interface

Communication bus systems characteristics

CAN	CAN High Speed conforming to ISO 11898-2 CAN-Specification 2.0A and 2.0B (11/29 Bit Identifier)
KWP 2000	K-Line and L-Line interface and conforming to ISO 9141 -2 and ISO 14230-4

Hardware characteristics

Operating supply voltage range vehicle side	8 - 32 V DC
Operating supply voltage range PC side	Power supply to the interface through the USB poort
Housing	Robust light metal housing
Operating temperature range	0 °C to 70 °C
Dimensions	64 mm x 85 mm x 35 mm
Weight	approx. 140 grams
Connector	16 pin OBD-II connector

Pinning OBD-II connector

Pinning OBD-II connector		Pinning	
1		9	
2		10	
3		11	
4		12	
5	Ground	13	
6	CAN-H	14	CAN-L
7	ISO 9141 K-Line	15	ISO 9141 L-Line
8		16	Power + Ubat (9-30V)