

LENS

LENS® delivers high-performance vehicle network communication with built-in cybersecurity from CyberTech by DG Technologies, protected by CyberGuard®. Linux-based for ECU development, HIL simulation, and bidirectional vehicle communications.

PALM-SIZED, SECURE VEHICLE NETWORK ACCESS



PRODUCT FEATURES

**POWERFUL LINUX HANDHELD
WIRELESS PC-TO-VEHICLE
NETWORK ADAPTER!**



ONBOARD J2534 SUPPORT

Linux-based Platform with
J2534 Support

ONBOARD WEB INTERFACE CONFIGURATION

Write your own applications

DoIP COMPATIBLE ETHERNET

Variant 1 and 2 Support

MULTI CHANNEL CAN & CANFD

4x CAN / CANFD Channels

CYBERGUARD PROTECTED

**FOR USE WITH STAND-ALONE
CUSTOM APPLICATIONS, EOL
TEST APPLICATIONS, AND MORE!**

NOW AVAILABLE!



(248) 888-2000 | www.dgtech.com/shop



CYBERGUARD





ENGINEERING TOOL

PRODUCT BENEFITS

CYBERGUARD Protected

- User interface: Self-Hosted Web Interface
- Utilize one of DG's existing PC programs, like DGD PRO and Data Logger, or write your own client-based or stand-alone applications for communication with the hardware
- DG's Gryphon Protocol is supported by the open-source Wireshark network protocol analyzer program

HARDWARE

- Processor: ARM Cortex A8, 1 GHz core speed
- RAM: 512 Mbytes SDRAM
- Internal Storage: Micro SD card, up to 1TB (32GB standard)
- OBDII Type-2 connector (SAE J1962)
- USB Device Type-B connector port
- 4 Channels High-Speed CAN / CANFD
- 1 Channel Single Wire CAN
- 1 Channel DoIP compatible Ethernet (Variant 1 or Variant 2)

SOFTWARE

- J2534 API and samples
- Linux OS with Xenomai Realtime extensions
- On-board web server
- TCP/IP support of standard services
- Vehicle network drivers and applications
- C/C++ compilers, Python 3, PHP
- SocketCAN support
- 64-bit C, C++ libraries and samples
- Hercules Analyzer Software



Carrying Case

KIT CONTENTS



Quickstart Guide



USB Cable
(Type-B to Type-A)

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