

# Komodo™ CAN Interface

## Key Features

### Flexible Design

- Configurable as an active node or non-intrusive analyzer
- Full support for 2 CAN channels<sup>1</sup>
- Simultaneously record all bus traffic while acting as an active node<sup>1</sup>

### CAN Adapter

- Send and receive messages on up to two different networks<sup>1</sup>
- Galvanically isolated
- Fully supports Fault Tolerant (125 kbps) and High Speed (1 Mbps) CAN
- 8 GPIOs

### Komodo GUI Software

- Batch mode for automated commands
- Periodic messaging
- Replay CAN traffic

### Data Center™ Software

- Real-time display, search, and filtering of captured data
- Automatic bus speed detection
- Capture traces to >25 GB

### Komodo API

- Create custom software applications
- Cross-platform support for Windows, Linux, Mac OS X

### USB Bus-Powered

- Portable
- No extra power adapters needed

### Quality

- CE, REACH, RoHS
- Manufacturing: ISO 9001, ISO 13485, AS9100C, ITAR
- One year warranty



An ever-wider array of applications and the increasing pressure to minimize costs means that you need to get the most out of your embedded systems interface tools - and the Komodo CAN Interface is expressly designed to enable your competitive edge.

The Komodo CAN Interface is the ideal tool for debugging and monitoring traffic on your bus applications. The Komodo interface provides a flexible, high performance, and powerful solution that allows you to sniff the bus and send data, all in one box. It provides fast, interactive, real-time visibility into the protocol layer of your CAN embedded system.

### Flexible Interface

- Actively send or passively monitor CAN bus data, all in one unit
- Configure 8 GPIOs for input or output to communicate with external logic

### Enhanced Visibility

- Interactive debugging: make a change and see the results in real-time
- Real-time display filter displays user-defined views
- Longer recording buffer than a scope (data streamed to PC's memory)
- Collaborate easily by sharing saved captures with colleagues with Data Center software

### CAN Applications

The reliable and robust nature of the CAN serial bus protocol has helped it expand beyond automotive applications and into the realm of industrial controls, factory automation, building automation, and many other areas. With the flexibility to both act as an active node and passively monitor the bus, the Komodo CAN interface is the ideal tool for engineers looking to debug their systems.

<sup>1</sup> Available with Komodo CAN Duo Interface

## Applications

Industrial Control  
Factory Automation

Building Automation  
Automotive

Aerospace  
Agriculture

Construction  
Medical

## Specifications

### Software

The Komodo GUI Software provides access to the CAN function of the Komodo interface. The Data Center™ Software is a bus monitoring software application that displays captured USB, I2C, SPI, and CAN bus data in true real-time through the Beagle™ line of hardware protocol analyzers and the Komodo™ line of CAN interfaces.

### Komodo GUI Software

- Batch mode provides Python interface for scripting data patterns
- General CAN mode allows a streamlined way to send and receive data

### Data Center Software Features

- LiveDisplay™ technology allows for real-time interactive display and analysis
- LiveFilter™ and LiveSearch™ tools allow for real-time interactive filtering and searching
- Collaborate easily by sharing capture files
- Export saved capture files to CSV format

### Beagle API and LabVIEW Support

- Create custom applications using the flexible, powerful, and well-documented Beagle API
- 32- and 64-bit support for C/C++/C#, Python, .NET, VB.Net, VB 6
- LabVIEW Instrument drivers

### Operating Systems Supported (32-bit and 64-bit)

- Windows: XP, Vista, 7, 8, 8.1
- Linux: Red Hat, SuSE, Ubuntu, Fedora, Arch, CentOS, Debian
- Mac OS X: 10.4-10.9

### Hardware

#### CAN Monitoring:

1 Mbps

#### CAN Target Device Port<sup>1</sup>:

Up to 2 common connectors

Up to 2 block screw terminals

#### Analysis Port (connects to PC):

USB 2.0 Type B receptacle

Interface is bus-powered

#### Digital I/O Port:

Mini DIN 9 connector

4 inputs, 4 outputs, 1 ground

Digital inputs are rated for max 5.5 V

Digital outputs are rated for 3.3 V

#### Dimensions (W x D x L)

64 mm x 24 mm x 95 mm (2.5" x 0.94" x 3.75")

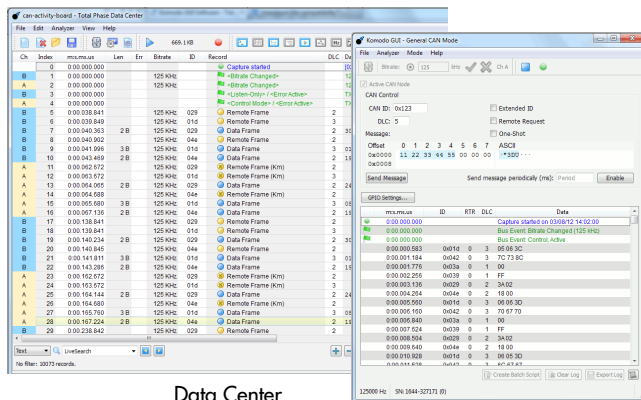
#### Weight

110 g (0.24 lbs)

#### Operating Temperature

Industrial: -40 to 85 °C (-40 to 185 °F)

<sup>1</sup> Feature dependent on model of interface



Data Center

Komodo GUI Software

## Ordering information

Komodo CAN Duo Interface

Part Number TP360110

Komodo CAN Solo Interface

Part Number TP360510

Country of Origin

USA

HTS

9030890100

ECCN

EAR99