Komodo CAN Duo Interface™

CAN Interface

Key Features

Flexible Design

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

CAN Adapter

- Send and receive messages on up two different networks
- 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, macOS

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 Duo Interface is expressly designed to enable your competitive edge.

The Komodo CAN Duo Interface is the ideal tool for debugging and monitoring traffic on your CAN 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 Duo Interface is the ideal tool for engineers looking to debug their systems.

Komodo™ CAN Interface

Applications

Industrial Control	Building Automation	Aerospace	Construction	**Scan for Video**
Factory Automation	Automotive	Agriculture	Medical	

Specifications

Software

The Komodo GUI Software provides access to the CAN function of the Komodo CAN Duo 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™ CAN Duo Interface.

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

Komodo API and LabVIEW Support

- Create custom applications using the flexible, powerful, and well-documented Komodo 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: 7, 10, 11, and later
- Linux: Red Hat, SuSE, Ubuntu, Fedora
- macOS: 13 and later

Hardware

CAN Monitoring:

Up to 1 Mbps

Compatible with ISO 1898-2:2003 (High-Speed CAN)

CAN Target Device Port:

2 common connectors

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)

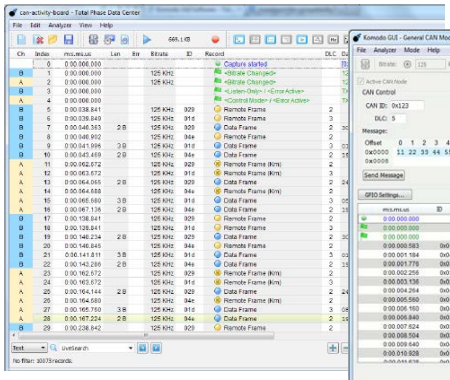
64 mm x 24 mm x 102 mm (2.5" x 0.94" x 4")

Weight

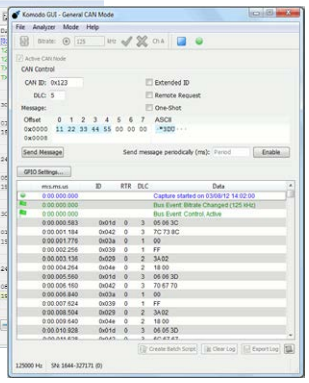
110 g (0.24 lbs)

Operating Temperature

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



Data Center



Komodo GUI Software

Ordering Information

Komodo CAN Duo Interface	
Part Number	TP360110
Country of Origin	USA
HTS	9030890100
ECCN	EAR99

+1 (408) 850-6501 | sales@totalphase.com | www.totalphase.com

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