Sloki Software Technologies LLP

www.sloki.in

ISO 9001:2015 Certified

CAN BUS Analyzer Device

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Sloki Product Solutions

CAN BUS Analyzer Device

FEATURES

- Windows based tool to monitor, Analyse and Simulate CAN node
- Support for Embedded Libraries in C, C++, C#, . NET & Python
- Support of Windows & Linux
- SAE J2534 Support
- Detailed API documentation for custom tool development
- CAN Message Rx & TX at 1ms rate
- Several Windows based in-house tools are developed on for this hardware, such as SAE J1939 simulator, OBD2 simulator, SAE J1939 Flash programming tool, UDS Flash programming tool.
- Free Monitoring tool will be provided on Windows OS-BUSMASTER
- Our SBUSCAN is Digitally ISOLATED Model
- Real time CAN bus monitoring with time stamp accuracy of 1ms (Either Tx or Rx).

Highlights

- High Performance
- Has toggle switch – user configurable (for 120ohm termination resistor

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CAN Bus Analyzer

Benefits & Applications

- Supports CAN 2.0 A & 2.0 B standard – Standard and Extended frames.
- Windows based tool to Monitor, Analyze and Simulate CAN node.
- Several Windows based in-house tools are developed on for this hardware, such as SAE J1939 simulator, OBD2 simulator, SAE J1939 Flash programming tool, UDS Flash programming tool.
- Support for Linux Operating System with SAE J2534 Interface Protocol Layer.
- Supports Graphical measurement of the data
- High-Speed Data Transmission
- Noise Immunity
- Low Power Consumption
- Compact Design
- Increased Signal Integrity
- Cost-Effective

Applications:

- Automotive/ECU software development companies
- Industrial companies– working on CAN based applications

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TECHNICAL SPECIFICATIONS

General Specifications

Warranty	: 3- months
Support	: Free, fast & high-quality support
Origin	: Made In India
Windows Monitoring Software	: 100% free (Tool Name: BUS MASTER)
Documentation	: Online/PDF documentation

CAN BUS

Channels	: 1 x CAN (Classical)
Protocols	: CAN 2.0A/2.0B
120 Ohm termination resistor (User Configurable)	: Using DIP Switches

Technical Specifications contd…

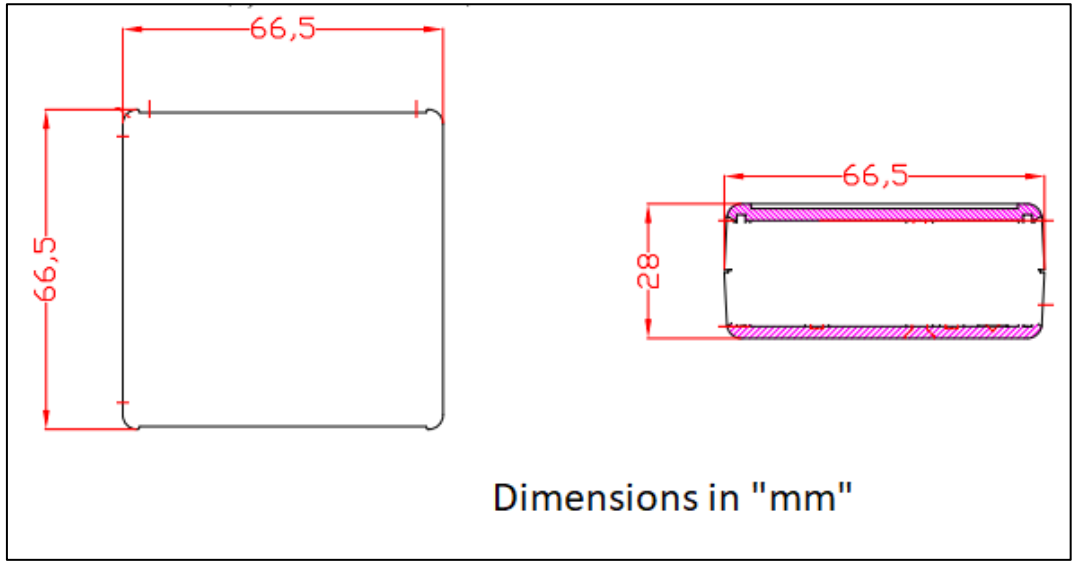
DATA LOGGING with PC

File format	: CSV-style plain text format
Safety	: 100% power safe
Configuration	: Simple configuration options

MECHANICAL/SUPPLY

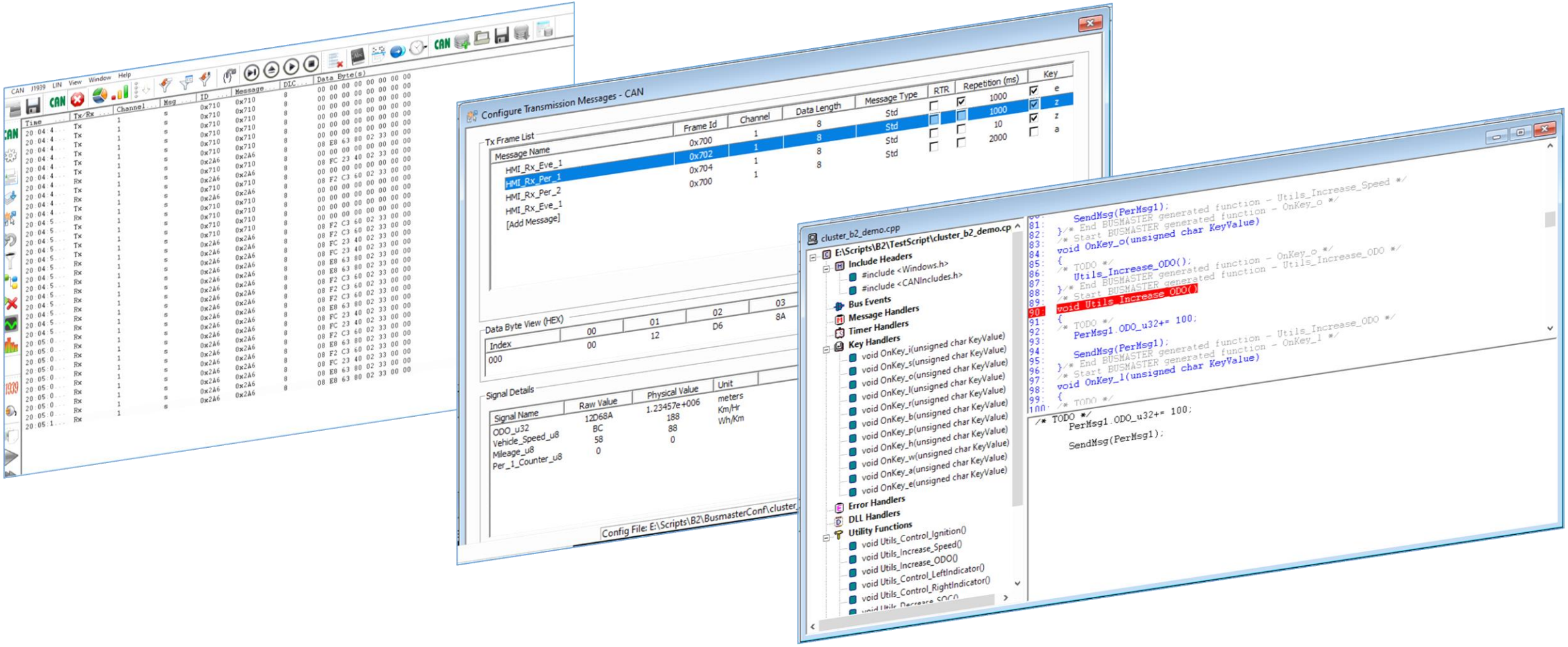
Connectors	: 1 x DB9 (adapter cables available)
Input supply	: +5V (USB Powered)
Power Consumption	: ~2.0 W
Dimensions	: 66.5 x28 x 66.5 (LXWXH)
Weight	: 50 Gms
LEDs	: 5 External LEDs (PWR, USB, CAN, BOOT, ERROR)
Temperature	: -40 deg C to +85 deg C
IP rating	: IP40

SBUSCAN (Gallery)



SBUS CAN (CAN Bus Analyzer tool)

BUSMASTER tool for Reading/Writing/Scripting the CAN frames.



Testimonial from customers

This is email is in reference to the purchase of CAN BUS Analyzer (SBUSCAN) device from Sloki Software Technologies LLP which was procured during end of 2020. We have been able to use the device in Automotive domain mainly for acquiring CAN frames for Telematics application. The results obtained are good with no complications and the performance of the device has been found consistent.

With Best Regards,

C.S. Srikanth, Director Technical

AutoTEC Systems Private Limited (Adani Group Company), Bangalore

This is to share a quick feedback regarding the Sloki SBUS CAN Analyzer.

We have been extensively using the SBUS can analyzer during our testing of our electric two-wheeler and during all cases, the SBUS CAN has maintained a consistent and robust connection. During bench testing, the SBUS CAN is interfaced with several components such as the Motor control unit, Battery, etc. and we have no trouble in reading the CAN signals from the components.

Despite vibrations and mechanical shocks experienced by the SBUS CAN during road tests of our vehicle, it continued to maintain a secure connection. The compact size and overall form factor of the device has also been very advantageous in terms of storing or securing the same in our vehicle.

Overall, we are very happy with the product and an applause for Sloki team for their technical prowess and unwavering support.

Best Regards,

Geeth Prajwal Reddy Putchakayala,

Head of Electrical Design,

Aventose Energy Pvt Ltd, Chennai

I have been using S-BUS CAN and the GUI tool ,Busmaster, for testing both CAN and J1939 based communication used in one of our projects. Both these were extremely helpful and the GUI platform has been very much user friendly. I take this opportunity to thank you and your team, especially Mr. Sandeep and Mr. Dileep who have been providing such good support with the whole integration process. I pray that success keeps finding its way to Sloki's doorstep.

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Thanks & Regards,

CDAC, Trivendrum

Pros

1] The SLOKI Device was very useful and was perfectly matching our requirement to Simulate the Data Stream bytes like a BUS Master

2] The cost of the device was competitive.

3] Sloki Supported on documentation and we received the required support.

Cons

1] USB1.0, 2.0 and 3.0 stack-based support would be more useful for the end-user. We explored and found a separate code in google and compiled it along with libraries and source code. If USB mapping was available we could have used it as plug-n-play. This feature would avoid various crashes and software instability.

2] SBUS Master code was lacking the latest CAN-BUS supported protocols for the Standard and Variant Parameters. But we did receive new firmware to support the same during our development as part of enhancement. New updates can be taken care of in the future.

3] Programming guide can be provided upfront, as Developers, we followed the readme along with Sloki support for Linux Compilation and came up with a User Guide.

CyQurex (Ashok Leyland Company)

Thank You

Sloki Software Technologies LLP

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