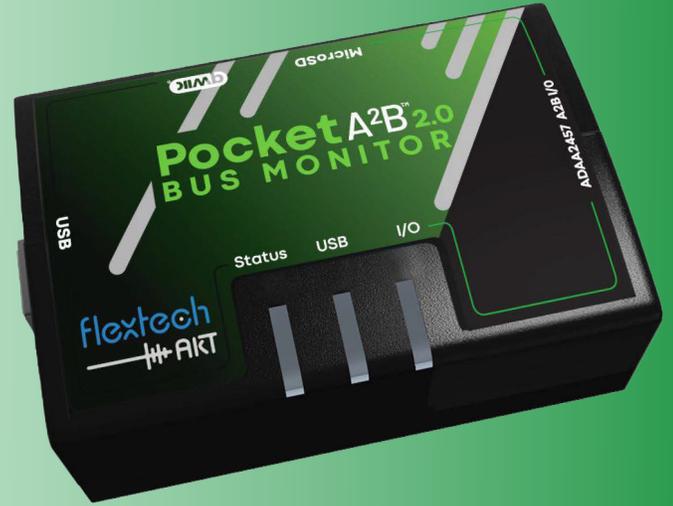# A2B 2.0 バス解析＆モニタに Pocket A2B 2.0 Bus Monitorをどうぞ

Pocket A²B™ 2.0 Bus Monitor

A²B™ 2.0 システムのデバッグと通信モニターに おすすめの A2B 2.0バス開発ツール

Pocket A²B 2.0 バスモニター (AKT-1600-E) は、A²B 2.0 バスの 通信をキャプチャ・記録しながらバスデータやオーディオ ストリームを可視化するポータブルで高性能なツールです。 製品開発段階から大量生産環境に至る様々な場面で利用でき、 開発効率と品質向上に役立ちます。 お問い合わせは 立野電脳(株) sales@dsp-tdi.com

Features

リアルタイムかつ非干渉 にA2Bバスをモニタ

- Supports AD245x Transceiver
- Capture all I2C and SPI bus activity
- SD Card for activity and data logging
- Option for Autonomous start up
- Small, light-weight, status LEDs

GUIアプリ

- Real-time display, search, and filtering of captured A²B data
- No annual license fees
- Bit-perfect capture and timing
- Capture I2C and SPI traffic
- Cross-platform support for:
    - Windows. Linux

サポート

- One-time purchase
- Firmware updates
- Detailed Quick-Start User Guide
- One year warranty
- Flextechakt.com

USB Bus Power 動作

- Portable
- No extra power adapters needed

Real-Time Visibility

- **Automatic Data Logging:** Automatically captures and records **A²B 2.0 bus communications, audio, and data** directly to an **SD card** for easy retrieval and analysis.

- **Audio Recording:** Features a **circular buffer** capable of recording up to **30 seconds ofA²B audio.**

- **Customizable Analysis:** Includes a **customizable Bus Monitor GUI** that supports **plug-ins** to detect specific A²B 2.0 bus events and perform **protocol decoding.**

- **High-Performance Platform:** Utilizes Audio Kimura Technology to deliver a scalablesolution for all levels of automotive audio testing.

Applications

A²B Bus monitoring on Infotainment and Audio Systems

Head Unit	ANC Systems	Voice Assistants
RNC Systems	E-Call A2B	Remote Tuners
Amplifier	Accelerometer	A2B Microphones

flextech
ꞁꞁꞁ AKT

Specifications

Software

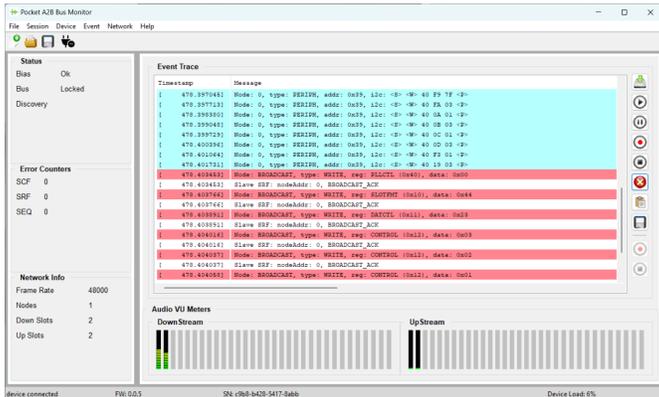**Graphical User Interface (GUI) Software -**

An included bus monitoring software application that displays captured A2B frames and I2C, SPI message traffic.

Graphical VU meters monitor and display Audio channels

Route and play audio channels to speakers

Operating Systems Supported
- Windows 10, 11
- Linux: Ubuntu 22.04

GUI

Hardware

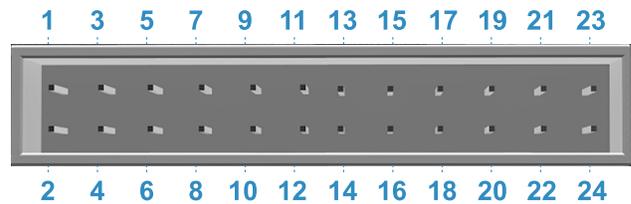**Pocket Bus Monitor with Standard USB UAC 2.0 Interface**

Target Data Monitoring
AD245x Transceiver

Cross-Over board with DuraClick sockets for direct connect to ADI Evaluation boards

24 PIN I/O connector harness with A2B and 2 GPIO lines

Pocket Bus Monitor I/O Header JST 24B-PHDSS

For more details on Pin Out see User Guide

DC Characteristics
Target Power: USB +5V, 350 mA max
GPIO Signal: 3.3V, 10 mA

Dimensions (W x D x L)
68 x 43 x 25 mm (2.7" x 1.8 x 1")

Weight
64 g (0.14 lbs)

Operating Temperature
0° C to 70° C (32° C to 158° F)

お問い合わせは立野電脳(株) sales@dsp-tdi.com

Pocket A2B 2.0 Bus Monitor	
Part Number	AKT-1600-E
Country of Origin	USA
HTS	8473.30.1180
ECCN	EAR99

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