

New: CANsub 2-4 x CAN FD streaming interface (USB/Ethernet) + webCAN

CSS Electronics newsletter - June 2026



New: CANsub - 2-4 x CAN FD streaming interface

Our new CANsub lets you stream CAN bus data in real-time via USB/Ethernet - with pro specs, a built-in LCD display and zero software installation.

The free webCAN app is hosted on the device - just enter the device URL in a browser to send/receive CAN frames, DBC decode data and plot CAN signals from any PC, tablet or phone.

The CANsub comes in two variants:

- The [CANsub.2](#) (2 x CAN FD) with 2 x DB9 connectors
- The [CANsub.4](#) (4 x CAN FD) with 1 x DB25 connector

Key features:

- **Zero installation:** Power via USB. Enter the device URL to open webCAN. Start streaming CAN data in your browser instantly
- **Compact:** Only 8 x 7 x 2 CM. 90G. Aluminium enclosure. Built-in LCD display for device/CAN status
- **Pro specs:** 2 or 4 x CAN FD. Galvanic isolation. 20K+ frames/s. 1 μ s timestamps. Error frames. Silent mode. Edge-based transmission
- **webCAN app:** Software hosted by device. Configure CANsub, stream CAN data, DBC decode, plot signals - and more
- **USB+Ethernet:** USB for direct CAN access via laptop. Ethernet for network, WiFi and remote use. HTTPS
- **Open API:** REST/WebSocket API lets you quickly build custom apps/integrations. Integrate with python-can, SavvyCAN, PlotJuggler and more

Now in stock - **order your CANsub today!**

Buy now



webCAN: Stream, DBC decode & plot CAN data in your browser

Need to stream, DBC decode and visualize CAN bus data directly in your browser?

webCAN is a 100% free browser-based GUI for the CANsub CAN-USB/Ethernet interface. The app is served by the CANsub - simply enter the device URL in your browser to start. No drivers, no software installation, no internet required.

Key features:

- **Instant access:** Open your browser, enter device URL - the webCAN app is served straight from the CANsub
- **Multi-CAN:** Stream 2/4 x CAN (time sorted). 2M frame buffer. 20K+ frames/s. Powerful ID/signal filters
- **DBC decode:** Assign multiple DBC files per CAN bus to show decoded data. PGN, multiplexing & TP support (J1939, NMEA 2000, ISO-TP)
- **Live plots:** Visualize CAN signals in real-time via smooth plots incl. live zoom & historical navigation
- **Transmit:** Deploy advanced transmit sequences. 10 μ s edge-based TX precision. Optionally encode from DBC
- **Export/import:** Export raw / decoded data to CSV for later re-import or analysis in Excel or Python
- **Any device:** Connect the CANsub to a WiFi router - and use webCAN from any connected PC, tablet or phone

Check out our **video showcases** of webCAN below!

Learn more

Comments by CSS

Our new CANsub is an awesome device - if you work with CAN, you should absolutely get one. And if you like the CANedge, you'll love the CANsub!

We believe the CANsub is now the **best value/cost CAN bus interface on the market.**

The device offers pro specs that match/exceed the top tier CAN bus interfaces - but at 50% lower cost and a 50% smaller size vs. comparable tools.

On top of this, it comes with the 100% free webCAN software that is hosted on-the-device - meaning you just enter the device URL in your browser to start streaming (no internet required). Once you experience this, you won't want to go back.

But this goes even further: Instead of USB, you can connect the CANsub via Ethernet to e.g. a WiFi router - and now stream CAN data from any device on the network, including laptops, tablets or phones.

webCAN is not just a 'basic' CAN tool. We have designed it to match the features of 1000 EUR+ professional-grade CAN tools. This includes high performance (e.g. 20K+ FPS), live DBC decoding (incl. e.g. TP support) and real-time plot visualization.

For engineers that need to go beyond, the CANsub is the perfect platform for custom apps/integrations. Use the Python API to build custom scripts/apps, the Qt plugin to build desktop tools - or our web platform to build native web apps (like webCAN). All based on the 100% open and modern CANsub REST/WebSocket API - with optional 'Docs for AI' TXT files for providing LLM/AI tools with the context to help you build.

Get your next generation CAN bus interface today!