



DATV Roadmap

What's new ?

DATV FORUM

HB9DUG Michel

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PlutoDVB2 Firmware

Evariste F5OEO

- PlutoDVB2 firmware is a DVB dedicated firmware for the Adalm-Pluto, Pluto+ and AntSDR E200 SDRs
- It uses an innovative approach to control the modulator, the spectrum display and the Minitiouner with MQTT messages
- It has generated a lot of interest among OM developers, who have created great user interfaces for it.

<https://github.com/F5OEO/pluto-ori-ps/wiki>



DATV-Red Software

Ohan ZS1SCI

- The software is design to provide a graphical user interface for the PlutoDVB2 firmware. It is written with Node-RED
- It provides stream encoding, modulator and tuner control, on board spectrum from the Pluto, QO-100 Chat into one interface
- It is cross platform and installation is very simple

<https://github.com/Psynosaur/DATV-Red/wiki>



DATV-Easy Software

Dominique F1EJP

- The software is design to provide a graphical user interface for the PlutoDVB2 firmware. It is written for Windows
- It allows transmission in DVB-S, DVB-S2 and DVB-T with a Limesdr mini, Pluto and its original firmware or F5OEO firmware and HackRF One
- Configuration is facilitated for beginners by default preset values

<https://github.com/F1EJP/DATV-Easy>



Portsdown 4 Transceiver

Dave G8GKQ

- The Portsdown 4 transceiver software designed to be used with the Raspberry Pi 4 and the official Raspberry Pi 7 inch touchscreen.
- It will give you a DVB-S2 and DVB-T DATV transmit system from 30-3500 MHz using a Lime SDR and 50MHz-4100 MHz with the Pluto
- With the addition of a MiniTiouner receiver, you will have a full spec DVB-S/S2 DATV transceiver

https://wiki.batc.org.uk/Portsdown_4



OPEN TUNER Software

Tom ZR6TG

- The software is design to provide a GUI for DATV reception with the MiniTiouner hardware. It is written for Windows
- The software has been developed primarily for use on QO-100 and includes a click and tune waterfall display and chat facility
- It uses the LongMynd software developed by Heather M0MHO for the MiniTiouner

<https://www.zr6tg.co.za/open-tuner/>



IAPC - ATV Technical Goup

H.266 / VVC Codec

Fraunhofer Heinrich-Hertz Institut

- H266/VVC for Versatile Video Coding is a video codec published by the Joint Video Experts Team (JVET). It was developed by the Fraunhofer Institute in partnership with industry
- It is claimed to offer twice the compression rate of H.265/HEVC for the same quality
- Thanks to Michael DL5OCD, the first one to integrate it in his software DATV-NotSoEasy and share it experience with others developers



References

The screenshot shows the homepage of swissATV.ch. The header includes the logo 'swissATV.ch' with the tagline 'groupe technique ATV de l'IAPC'. Navigation tabs are provided for Home, News, Activités, Hardware, Académie, and Labs. A search bar and a font size control are also present. Below the header, a secondary navigation bar offers categories like All, News, Labs, Tests, Hardware, Software, and Académie, along with sorting options: Default, Title, Date, and Random.

The main content area features a grid of four article cards:

- A-Tech 2014 Automne**: 2014-10-22 09:50:46. Includes a photo of a workshop.
- DATV-Express DVB-T 1 MHz**: 2014-10-13 11:10:14. Includes a photo of a green PCB.
- H264 DigiThin**: 2014-10-01 17:23:43. Includes a photo of a yellow PCB.
- DVB-T2, le standard pour...**: 2014-08-15 12:30:06. Includes a photo of an i-TAB DTV tablet.

Below the grid is a 'Hardware' section with five featured items, each with a 'Read More' button:

- SR-Systems
- MK808 DigiThin
- BATC DTX1
- AGAF
- Hides USB DVB-T

Good hack !