

# StreamXpert 2.0 and StreamXpert Lite

October 6<sup>th</sup>, 2015

## 1. New Features

StreamXpert 2.0 is a major upgrade of DekTec's real-time stream analyser software. A highlight of the version is a new video decoding engine with support for MPEG-2 video, H.264 (AVC), H.265 (HEVC) and AVS. In addition, 4:2:2 and 10-bit video can be decoded and shown in the GUI.

On the audio front, StreamXpert has been extended with a new engine for reliable in-depth analysis of audio, amongst others for Dolby AC-3 and E-AC-3. The audio architecture has been prepared for decoding and analysis of the next generation of audio compression standards. The first advanced audio standard supported in StreamXpert is Dolby AC-4 (analysis only). DekTec will keep the AC-4 implementation current in case the standard would evolve.

The user interface is now ribbon-based for ease of use and a modern look. Various other improvements have been made under the hood, addressing numerous small issues and change requests reported by our users. The definitions of descriptors have been actualized to comply with the latest standards.

Further enhancements and new features are in the pipeline: DekTec is committed to keep StreamXpert at the forefront of stream analysis!

## 2. Upgrading

DekTec strongly recommends all StreamXpert users to upgrade to version 2.0. The enhanced support for new video and audio standards ensures you can reliably monitor any stream. StreamXpert 2.0 contains a Dolby-compliant audio analyser/decoder that fixes some issues in the old AC-3 decoder/analyser implementation, which might provide false positive or false negative test results under certain conditions.

Upgrade to version 2.0 is free of charge for users that have bought StreamXpert in September 2014 or later. For older StreamXpert licenses you have to purchase (€ 275) a version 1 to version 2 upgrade, order code DTC-322-SXV2UPG.

## 3. StreamXpert Lite

StreamXpert now also comes in a "Lite" version, which supports basic decoding and recording functions but not the advanced analysis functions of the full StreamXpert version. StreamXpert Lite replaces DtTV and DtGrabber+, which are now obsolete and not available for sale any more. For DtGrabber+ a new recording application VF-REC is available, see [www.dektec.com/products/applications/VfRec/](http://www.dektec.com/products/applications/VfRec/).

## 4. Downloading and Installing StreamXpert 2.0 and StreamXpert Lite

StreamXpert 2.0 and StreamXpert Lite can be downloaded from DekTec's brand new website at two locations.

- StreamXpert page: [www.dektec.com/products/applications/StreamXpert/](http://www.dektec.com/products/applications/StreamXpert/)
- Application Downloads page: [www.dektec.com/downloads/applications/](http://www.dektec.com/downloads/applications/)

Please note that StreamXpert 2.0 and StreamXpert Lite share the same setup package.

For more information about StreamXpert and StreamXpert Lite, please refer to the StreamXpert news items on the DekTec site at [www.dektec.com/news/](http://www.dektec.com/news/)