

Hard disc & DVD recording capabilities

StreamUnlimited is a development house with a Philips history. Our team provides a vast audio/ video development background combined with industrial experience. As a development team with Philips, StreamUnlimited developed in the years 2000 – 2004 a wide variety of innovative, first of kind AV products, both portable as well as stationary.

StreamUnlimited can develop your complete individual product on several platforms, or can do dedicated sub-projects or consulting for you.

HDD

We have a vast knowledge of hard disk interface standards e.g. ATA, CE-ATA/ATA over MMC, Serial-ATA.

StreamUnlimited offers driver implementation on embedded software platforms, including platform-specific optimization and Application software development and integration for HDD extension features, from database systems to multimedia applications.

We generate reference hardware design for portable devices, including CF-based Microdrive® connections as well as space and interface connection optimized ZIF connections. Our competences also reach from system design for stand-alone hard disk recorder products to cell phones.



HDRW-720

DVD-Recording

- Knowledge of the DVD+RW standard for real-time video recording applications
- MPEG2 encoding/decoding, including analogue input processing and various output formats (from analogue RGB output to HDMI digital interfacing)
- Experience of sister technologies for Video-CD and Super Video-CD



MX6000i



DFR 9000

StreamUnlimited Engineering GmbH

We connect your products

Codecs

Due to our several HDD and DVD recorder projects we did in the past we also have a very good knowledge of the common codecs that are used in the consumer electronic field. StreamUnlimited creates extensive test contents for all codecs, highly suitable for extensive network tests (QoS). Find below some of the most important codes we implemented in during our past projects.

- MPEG Audio: MPEG1 Layer I/II/III, MPEG 2 multi channel extension
- MPEG Video: MPEG1, MPEG2, MPEG4 (ASP; AVC, aka H.264; H.263 for portable devices)
- MPEG System: Multiplexing/Demultiplexing of MPEG Transport- and Program Streams, including VOB demultiplexing, DiVX
- OggVorbis, AAC, WAV, WMA



Electronic Program Guide



Gemstar EPG screenshot

We did the Implementation of the first teletext-independent European EPG system for Philips in cooperation with Gemstar. As a follow up we were responsible for the implementation of the TV-Guide system for the US market and extended support of the EPG roll-out in Europe.

StreamUnlimited
We connect your products.

The StreamUnlimited advantages: same time zone, transparent progress of projects, reliable, same culture, same language, innovation power, on-site support, customer intimacy, flexible and fast startup of projects, market know how

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