

MobileTV+DVR

Integrated Product Solution for Laptop/PC

Tata Elxsi is a leader in embedded product design in the Media and Telecom space with a decade long history of building innovative products for leading product manufacturers worldwide. We offer licensable technology and embedded product solutions to help silicon providers and OEMs accelerate time-to-market and reduce development costs.

Ahead of the mobility revolution...

Now you can watch your favorite TV movies and cartoons, catch up with latest stock chart, be on real time with the latest news, weather forecast and lot more...and all these while you are on the move!

Introducing Tata Elxsi's Mobile TV + DVR

The Device is a portable DVB-H receiver plus DVR, in a single form factor. Epitomizing the highest level of innovation and creativity, Mobile TV DVR is a fascinating, multi-featured, handheld USB DVR device for laptops, capable of receiving, recording and relaying broadcast DVB-H digital television.

A scalable and portable Mobile TV Middleware compliant to DVBCBMS running on the device enables recording on the device in standalone mode along with live television viewing on your laptop. The viewing experience is enhanced by an Electronic Service Guide (ESG) application, which facilitates previewing, selecting and purchasing services with the options of recording along with live pause/resume features.

KEY DIFFERENTIATORS

- Small, lightweight, power efficient product
- Intuitive GUI for laptops running Windows
- Playback of different media standards by the GUI, with automatic content detection and player switchover
- Recording on device, with Multimedia Card (MMC)/SD
- Event-based scheduled recording for recording on-the-go
- Broadcast Audio playback on-the-go



Salient Features

- PC-based connectivity over USB
- Playback of H.264, AAC-HE, VC-1, AMR-WB on the GUI
- Electronic Service Guide (ESG) for comfortable TV Browsing
- Digital Video Recorder (DVR) functionality
- Basic PVR functionality including live pause and resume
- Playback of AAC-HE and AMR-WB broadcast media on the device made feasible
- Playback of audio-only channels, and audio of multimedia channels provided - everything to support audio on-the-go

Electronics

- Intel's PXA255 @ 400/200 MHz
- DiBcom DIB7000-H
- Freescale's MC44CD02 Wideband
- Battery chargeable through USB
- OLED for basic notifications to user
- 6-layer card with small form factor

Feature up-gradations

- Support for L Band
- Support for OMA BCAST
- Integration with popular Conditional Access providers



ABOUT TATA ELXSI

Tata Elxsi Limited, headquartered in Bangalore, is the technology arm of the US\$ 22 billion TATA Group, with a decade long history of building innovative products for leading product manufacturers worldwide.

We offer licensable technology and "Full Life-Cycle Product Design Services" to help customers accelerate time-to-market and reduce development costs.

- Rich expertise in providing complete solutions to OEMs dealing in PMPs/BMPs, STBs, Digital Cameras, Video Conferencing Endpoints, Media Gateways, etc.
- Mature Quality Management Systems assessed at SEI-CMMi Level 5, and certified for ISO 9001:2000 and BS 7799 for stringent Information Security.
- Resource pool of over 2000 engineers with rich embedded product design expertise including hardware, software and mechanical product design.

Tata Elxsi brings Trust, Quality and Leadership to Product Design Services partnerships, the values that TATA has been known for, over a 100 years.

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