

T_BROWSER

IPTV world is developing faster and faster. Very important for Telecom Operators is to assure a fast time-to-market, and resolve the integration path in a seamless way.

Telsey IP STB FS6 is helping Telecom Operators with its T_Browser suite.

Powered by Opera Software, Telsey T_Browser gives the right instruments to enable fast and easy integration into an existing IPTV network. T_Browser makes possible also easy and performing Internet surfing from the TV Set, with best user experience.

T_Browser runs over the Telsey STB FS6, the new high performing and flexible IP Set Top Box developed by Telsey to enable Service Providers to continuously provide distinctive and valuable entertainment services.

It supports High Definition TV, H264 and PVR capabilities, all functionalities which differentiate the broadband offer from the traditional analogue TV.

KEY FEATURES

- Easy integration with IPTV leading suppliers



- IPTV and Digital Terrestrial Television

- Easy and fast Internet Access

- Best End user Experience, thanks to special TV rendering optimizations

- Personal Video Recorder with dedicated DTT tuner.

- HDMI and S/P/DIF interfaces

BENEFITS

By means of one of the most stable and recognized embedded browsers, the new Telsey STB FS6 T_Browser will enable Telecom Operators to get fast time to market, by an easy and fast integration of FS6 STB with IPTV middleware and CAS systems.

Pre-integration is available with leading IPTV players such as Alcatel OMP, ORCA Interactive, Verimatrix.

Additional integration may be seamlessly achieved thanks to the powerful Java API provided with the Opera Browser.

All Telsey STB FS6 products may be equipped with the powerful T-Browser suite. Seamless integration of IPTV and Terrestrial Television is delivered with Hybrid DVB-T STB

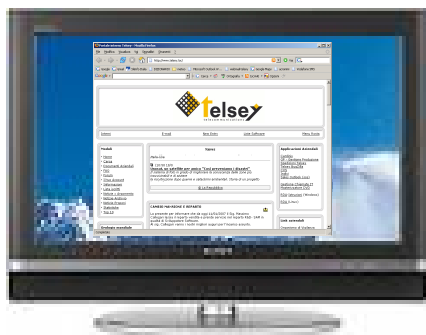
By using the leading Opera Browsing for embedded devices, Telsey STB enable easy Internet access from the TV set, with the standard browsing capabilities usually experienced with the PC.

Opera is a full-featured browser optimized to run fast in embedded environments. With uncompromised standards compliance and rich features, Opera can give the best end user experience on its TV Set.

With T_Browser advanced PVR capabilities are also available; the user may easily schedule recording and pause and rewind live TV when using the FS6 Hybrid PVR version.

Standard Hard Disk size for PVR STB is over than 160 Gb

Set Top Box FS6 may be connected to the user High Definition Television and to his Digital Audio System, for the best rendering experience of the contents streamed from the Internet.



T_BROWSER

TECHNICAL HIGHLIGHTS

SYSTEM

- > 300Mhz MIPS processor, High Performance, Low Power, 32-bit MIPS RISC Core
- > 128-256 MB RAM (option 512 MB is available)
- > 32-64 MB Flash
- > Linux 2.4 Operating System
- > SoC MSTV approved

INTERFACES

- > Scart 1: RGB, CVBS, Audio, S-Video,
- > TV-VCR bypass
- > Scart 2: RGB, CVBS, Audio, TV-VCR bypass
- > Ethernet: 10 /100 BASE TX -RJ 45
- > Dual RCA for analog digital audio
- > S/PDIF digital audio
- > RJ11 (Optional)
- > USB v 2.0: 2 connectors
- > DVB-T: ANT IN, RF OUT, EN 300 744 Ed. 1.4.1
- > DVB-C: ETS 300 429 for DVB-C Application,
- > Cenelec EN55013 and EN55020
- > HDMI
- > 5 Leds - SW Programmable
- > Application Buttons

DIGITAL MEDIA FORMAT

- | | |
|-------|--|
| Video | > MPEG-1, MPEG-2, MPEG-4, WMV9, VC-1 |
| Audio | > MPEG-1, MPEG-2, MP3, MPEG-4 AAC, AAC+, WMA |

GRAPHICS

- > Picture in Picture capabilities , Video Scaling, Alpha Blending
- > Teletext, Teletext subtitling, DVB Subtitling, VBI insertion
- > 2 D graphics accelerator , 2 graphics planes and cursor plane
- > Standard Definition display format: 7 2 0 x5 7 6 pixel at 2 5 Hz resolution (full PAL)
- > High Definition display format: 1 0 8 0 i, 7 2 0 p, 4 8 0 p - 5 7 6 p, 4 8 0 i - 5 7 6 i

IP STACK

- | | |
|-----------------------------|---|
| > IP/VIDEO Suite Unicast: | > IGMP v2 |
| > HTTP Streaming TCP | > S PTS with MPEG-2 PAT, PMT tables |
| > RTSP - UDP - RTP | > Program Stream (Video and Audio PES only) |
| > IP Video Suite Multicast: | > IP Services - TFTP - FTP - LDAP4 |

PVR

- > Internal Hard Disk - IDE Connector

SMART CARD READER

- > ISO 7810 and ISO 7816 compatible

SECURITY CONTENT PROTECTION

- > Macrovision Secure Sockets Layer
- > SSL capability
- > Compliant with NDS HW requirements

MANAGEMENT

- | | | |
|--------------------------|------|-------|
| > DHCP Client (RFC 2132) | SNMP | TRO69 |
|--------------------------|------|-------|

ACCESSORIES

- > Remote Control and optional Infrared KeyBoard

ENVIROMENTAL SPECIFICATIONS

- > Operational 0 to + 45°C (5% - 85% Humidity)
- > Storage -25 to +70 °C (5% - 95 % Humidity)

CE MARKING

- > EN 60950, EN55022, EN55024 compliant

BROWSER CAPABILITIES

- > Opera 9
- > Main Web Standard are supported, including CSS 2.1, XHTML 1.1, HTML 4.01, WML 2.0, ECMAScript, DOM 2, SVG 1.1 Tiny
- > Most important International languages are supported, please refer to Product Description for a detailed list.

Disclaimer

All statements, technical information and recommendations contained in this documentation have been carefully checked for reliability; however no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.