

EXBROWSER

eXBrowser transforms the FS6 IPTV Set Top Box into a powerful digital entertainment station, enabling the user to enjoy PC contents on its TV Set and to access the full Internet power from the comfort of its living room.

Powered by the Oregon Media Browser, eXBrowser makes the Set Top Box 'DLNA compliant', so making possible the data exchange with the PC or any other DLNA equipment in your home: photos, movies or audio are streamed from your PC to your High Definition TV, or to your high quality audio system.

Moreover eXBrowser uses advanced Internet technologies, such as Macromedia Flash and Ajax content compatible WEB Browser for easy and fast access from your TV set to all the contents available on the Web.

eXBrowser 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

- Multi Room Home Content Sharing



- Internet Browsing directly from the TV Set

- IPTV and Digital Terrestrial Television

- Personal Video Recorder with dedicated DTT tuner.

- HDMI and S/PDIF interfaces

BENEFITS

The new Telsey STB FS6 eX Browser will enable our customers to give new appealing features to the end users, by giving the possibility to stream the personal contents from the PC to the TV set. By using the DLNA standard, video, pictures and audio may be enjoyed on the user TV Set or on the living room high performances stereo.

Engaging features like photo rotation and zoom, photo viewer with slideshow and simultaneous audio playback are available.

Automatic discovery of home contents is performed, playlists are automatically built on your STB for easy consultation.

eX Browser supports Windows DRM-10, so enabling to enjoy protected downloaded contents on the TV set.

FS6 eX Browser capabilities includes Macromedia Flash7, one of the most common and powerful codec used with Internet contents. Internet Radio and Internet TV may be available on the user TV Set, together with online gaming.

FS6 eX Browser may be fast and easily integrated in any IPTV Network. Pre-integration with leading IPTV players is already provided, such as with Kasenna MediaBase XMP, BitBand Vision, Orca Middleware, Verimatrix Conditional Access

Additional integration may be seamless achieved thanks to the powerful Java API provided with the Oregon Media Browser.

All Telsey Waves STB FS6 products may be equipped with the powerful eX-Browser suite: IP STB, Hybrid and PVR versions.

With eX Browser advanced PVR capabilities are also available; the user may easy 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 160GB.

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



EXBROWSER

TECHNICAL HIGHLIGHTS

1/2

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

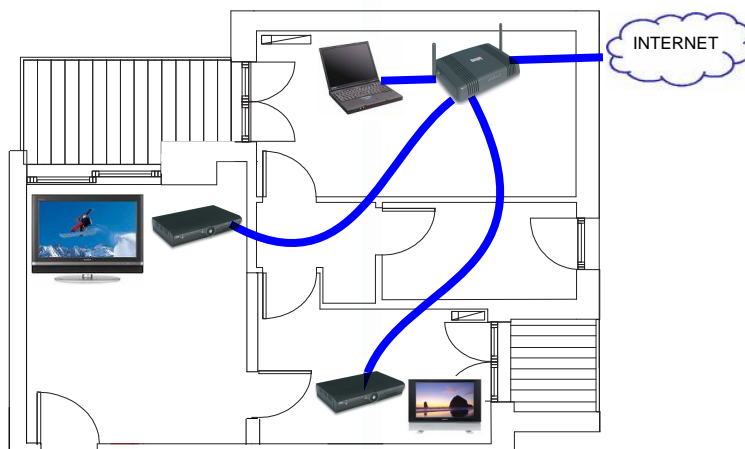
Video	> MPEG-1, MPEG-2, MPEG-4, WMV9, VC-1
Audio	> MPEG-1, MPEG-2, MP3, MPEG-4 AAC, AAC+, WMA
Photo	> JPEG, TIFF, BMP, PNG, GIF

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 x 5 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:
- > HTTP Streaming TCP
- > RTSP - UDP - RTP
- > IP Video Suite Multicast:
- > IGMP v2
- > S PTS with MPEG-2 PAT, PMT tables
- > Program Stream (Video and Audio PES only)
- > IP Services
- > TFTP
- > FTP
- > LDAP4



EXBROWSER

TECHNICAL HIGHLIGHTS

2/2

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
- > TR069

ACCESSORIES

- > Remote Control and optional Infrared KeyBoard

ENVIRONMENTAL 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

- > HTML 1.0, HTML 4.0.1, JavaScript 1.5, DOM 2, CSS2, SSL 3.0, XML Data Parsing,
- > Frames/I-Frames
- > XML-HTTP-Request enabling AJAX/Web 2.0 functionalities
- > Adobe Flash 7.0 compatibility, SSL3.0
- > International language Support: US and Europe, Chinese, Japanese, Korean, Thai and Arabic

DLNA PLAYER

- > UPnP AV 1.01, UPnP AutoIP - DHCP switch, UPnP AV Control Point

PLAYLIST AND SLIDESHOW

- > M3U, ASX, PLS and WAX playlist formats
- > Customizable screensaver
- > User controlled photo slideshows with audio
- > Photo zoom, rotation, pan and scan

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.