

EZTBox for Developers

Release the **source code** of
IPTV Player, VOD Player,
Signage Player for software
developers



Signage SDK 4.0

is a software development Kit of EZTBox for signage market. Signage SDK lets you use SSP API to quickly add more applications with Internet browser, Player Management and Signage player. Additional, Signage SDK can let you develop applications from a GUI system, not from scratch. It will speed up your development schedule and reduce the development risk in order to **maximize the value of investment**.

For software development of IP STB, the most important thing is how to speed up the development scheduel, debug the software and quickly solve the bug. Signage SDK supports Win32 platform, so you can debug the same source code of your applications using Win32 IDE



Signage Player has 3 parts in the screen layout.

- Local Video or Streaming Video from Ezserver
- Marquee : there are two marquees, one is for horizontal, the other is for vertical.
- Picture Playlist : there are two picture playlists to show logo or advertisement.

Features:

- Own the **FULL SOURCE CODE** of Signage player to speed up your Signage solution.
- You do nto care the hardware again, just focus on Signage applications.
- Own the competitive cost about the hardware.

SPECIFICATIONS

EZTBox

General

CPU speed	320MHz
Dimension	153(L) x 114(D) x 33(H) mm
Weight	About 250g
Power	AC Input 90V~260V and 50-60 Hz DC, output 12V@1.5A
Flash Storage	128M bytes
RAM	256M bytes

Media Format

MPEG	MPEG2/MPEG4 AVC/H.264/ SD/1080p HD
Unicasting Video	MPEG2/4-AVC/H264 TS
Multicasting Video	MPEG2/4-AVC/H264 TS
Graphics	JPEG, PNG ,BMP,GIF

Control

Media Control	Play, Stop
Volume Control	Up and Down

Output

Analog	NTSC/PAL
Digital	Up to 1080ix60 and 1080px30
Graphics	Up to 1920x1080x24 with 1080 output

Interface

Video out	HDMI/Composite
Audio Out	Stereo
USB	2xUSB2.0
Network	10/100 MB Ethernet

Operating System, Middleware and Network

Operating System	Linux 2.6
GUI	Ezhometech SSP 6.0
Internet Browser	Ezhometech RIB 4.0
Supporting Protocols	TCP/IP, HTTP, IGMP, RTP/UDP
Player management	Player middleware, Running Message, Advertisement pictures, and Video management

Supplied Accessories

Adapter x 1, Remote Controller x 1, HDMI Cable x 1

Brief SDK Contents

Signage SDK 4.0

NXP pnx8935 BSP

Cross-Compiler	gcc/g++
----------------	---------

Cross-Linker	ld
--------------	----

Library

Static Library	SSP
----------------	-----

The source code of Player Management

Player Middleware	Communicate with Server middleware
-------------------	------------------------------------

Running Messages and advertisement

The source code of Signage player

Video Player	Local Playback and Multicasting
--------------	---------------------------------

Others

Samples	SSP API samples and makefile
---------	------------------------------

Drivers	Font driver, . IR driver,. Frame Buffer driver, . All source code of the above drivers,
---------	---

Documents	EZTBox User Manual, SSP API Reference Guide
-----------	---

PC System Requirements

Operating System	Fedora 6.0 / Windows XP / CentOS
------------------	----------------------------------

Processor	Above 3.0GHz
-----------	--------------

Memory	Above 512MB RAM
--------	-----------------

Network Interface	100/1000 BASE
-------------------	---------------

HDD	200MB available space for installation
-----	--

SDK Contents

Signage SDK 4.0	
Content	
Linux BSP/Win32 IDE	
Development tools- NXP pnx8935 BSP	Yes
Media Decoding driver	Yes
BSP Installation Manual	Yes
EZTBox with a remote control, a adapter and a HDMI cable	1 unit
EZTBox debugging cable	1 unit
GUI	
SSP Library	Yes
SSP API samples and makefile	Yes
Font driver	Full source code
IR driver	Full source code
Frame Buffer driver	Full source code
Bitmap / Outline Font support	Yes
SSP API Reference Guide	Yes
SSP SDK Tutorial	Yes
IPTV Application	
Internet Browser (RIB)	Object code
Player Management	Full source code
Signage Player	Full source code
Setup Menu	HTML format
Signage SDK Tutorial	Yes
EZTBox User Manual	Yes
Signage SDK Installation support	3 months
Signage SDK Software Maintenance	1 year
Signage SDK Software Upgrade	1 year



www.ezhometech.com

7F-1, No.189, Sec.2, Keelung Road, Taipei, Taiwan, R.O.C.

Tel: 886-2-27354224 Fax: 886-2-27354224

sales@ezhometech.com