

## Movian - Bug #2205

### Black screen on HD channels

07/07/2014 10:55 AM - Aleksandr Faronov

<b>Status:</b>	Fixed	<b>Start date:</b>	03/16/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Smas	<b>% Done:</b>	100%
<b>Category:</b>	HTSP client	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.8	<b>Platform:</b>	OS X
<b>Found in version:</b>	4.7.55		
<b>Description</b>			
All HD Channels show only audio and black screen			
<b>Related issues:</b>			
Copied from Bug # 2051: Black screen on HD channels		<b>Fixed</b>	<b>03/16/2014</b>

#### Associated revisions

##### Revision 524c67a3 - 08/31/2014 10:53 AM - Andreas Smas

ps3: Filter out Access-Unit-Delimiters in h264 stream when playing HTSP

Tvheadend places those incorrectly and this causes the ps3 h264 cell decoder to barf

Fixes #2205

#### History

##### #1 - 07/07/2014 10:55 AM - Aleksandr Faronov

- Copied from Bug #2051: Black screen on HD channels added

##### #2 - 08/27/2014 10:44 AM - Dreamcat 4

I have the same problem too. My current showtime version is 4.7.55.g3a6af on PS3

Here is a log. At the bottom we can see the channel France Eng. Video works (MPEG2 stream)

Then Last is NHK World HD. No video. codec h264 level 42.

<https://gist.github.com/dreamcat4/06ee20dfb9ad9790429b>

It would be nice to know if any other showtime versions will be a fix for this.

##### #3 - 08/27/2014 02:00 PM - Dreamcat 4

This problem only occur for me on ps3 builds of Showtime.

It does not happen on recent OS X builds (for me).

And whyz found ok on OS X build too. So I'm not sure the reasony Aleksandr has reported this bug on OS X platform. But it is definitely occurring on ps3. (any version of ps3 showtime).

**#4 - 08/27/2014 02:05 PM - Dreamcat 4**

on ps3 i have deleted all settings, deleted all cache folder, tried 3 different showtime version, problem always occurs

on ps3, can see no errors in log file. And "video bitrate" counter is updating constantly  
just there is no video is output, screen remains black

**#5 - 08/28/2014 09:45 AM - Dreamcat 4**

One more thing - the same H264 .TS stream can be recorded in TVH Headend as a regular file. And accessed for example over SAMBA share. When played back that way, the video displays fine. So it must be some circumstance specific to live HTSP streaming!

When I look in backends/htsp/htsp.c there is almost no code in there which is specific to be only about H264. So I'm at a complete loss myself, unless there is something extra needed, which is currently missing for H264 but has been included for MPEG2 stream.

It's worth noting also the source I tested was a 1080p H264 TS Stream, over Gigabit LAN. Many thanks.

**#6 - 08/31/2014 10:13 AM - Andreas Smas**

Good news. I know what's wrong now.

**#7 - 08/31/2014 10:54 AM - Andreas Smas**

- *Target version set to 4.8*

**#8 - 08/31/2014 10:54 AM - Andreas Smas**

- *Status changed from New to Fixed*

Applied in changeset commit:git|524c67a387aaef9120b37cc6d73fc3fc7d48ad7.

**#9 - 09/03/2014 08:44 PM - Dreamcat 4**

IT WORKS! Big thanks Andreas.

I can now watch HDTV channels on my PS3.  
1080i H264 live.