

VIDEO_SELECT_SOURCE

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\[linux-master] [drivers] [staging] [media] [av7110]video-select-source.rst, line 2)

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.video
```

Name

VIDEO_SELECT_SOURCE

Attention!

This ioctl is deprecated.

Synopsis

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Unknown directive type "c:macro".

```
.. c:macro:: VIDEO_SELECT_SOURCE
```

```
int ioctl1(fd, VIDEO_SELECT_SOURCE, video_stream_source_t source)
```

Arguments

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Unknown directive type "flat-table".

```
.. flat-table::
   :header-rows: 0
   :stub-columns: 0

   - .. row 1
     - int fd
     - File descriptor returned by a previous call to open().

   - .. row 2
     - int request
     - Equals VIDEO_SELECT_SOURCE for this command.

   - .. row 3
     - video_stream_source_t source
     - Indicates which source shall be used for the Video stream.
```

Description

This ioctl is for Digital TV devices only. This ioctl was also supported by the V4L2 itv driver, but that has been replaced by the itv-specific `IVTV_IOC_PASSTHROUGH_MODE` ioctl.

This ioctl call informs the video device which source shall be used for the input data. The possible sources are demux or memory. If

memory is selected, the data is fed to the video device through the write command.

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Unknown directive type "c:type".

```
.. c:type:: video_stream_source_t
```

```
typedef enum {
    VIDEO_SOURCE_DEMUX, /* Select the demux as the main source */
    VIDEO_SOURCE_MEMORY /* If this source is selected, the stream
                           comes from the user through the write
                           system call */
} video_stream_source_t;
```

Return Value

On success 0 is returned, on error -1 and the `errno` variable is set appropriately. The generic error codes are described at the [ref: Generic Error Codes <gen-errors>](#) chapter.

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