

VIDEO_SET_FORMAT

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

Unknown directive type "c:namespace".

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

Name

VIDEO_SET_FORMAT

Attention!

This ioctl is deprecated.

Synopsis

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\ (linux-master) (drivers) (staging) (media) (av7110) video-set-format.rst, line 20)

Unknown directive type "c:macro".

```
.. c:macro:: VIDEO_SET_FORMAT
```

```
int ioctl(fd, VIDEO_SET_FORMAT, video_format_t format)
```

Arguments

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\ (linux-master) (drivers) (staging) (media) (av7110) video-set-format.rst, line 27)

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_SET_FORMAT for this command.

   - .. row 3

     - video_format_t format

     - video format of TV as defined in section ??.
```

Description

This ioctl sets the screen format (aspect ratio) of the connected output device (TV) so that the output of the decoder can be adjusted accordingly.

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Unknown directive type "ctype".

```
.. ctype:: video_format_t
```

```
typedef enum {
    VIDEO_FORMAT_4_3,      /* Select 4:3 format */
    VIDEO_FORMAT_16_9,     /* Select 16:9 format. */
    VIDEO_FORMAT_221_1     /* 2.21:1 */
} video_format_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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Unknown interpreted text role "ref".

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Unknown directive type "flat-table".

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

   - .. row 1
     - ``EINVAL``
     - format is not a valid video format.
```