

# ioctl VIDIOC\_OVERLAY

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\linux-master) (Documentation) (userspace-api) (media) (v4l)vidioc-overlay.rst, line 2)

Unknown directive type "c.namespace".

```
.. c:namespace:: V4L
```

## Name

VIDIOC\_OVERLAY - Start or stop video overlay

## Synopsis

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```
.. c:macro:: VIDIOC_OVERLAY
```

```
int ioctl(int fd, VIDIOC_OVERLAY, const int *argp)
```

## Arguments

fd

File descriptor returned by `c:func:open()`.

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argp

Pointer to an integer.

## Description

This ioctl is part of the `ref:video overlay <overlay>` I/O method. Applications call `ref:VIDIOC_OVERLAY` to start or stop the overlay. It takes a pointer to an integer which must be set to zero by the application to stop overlay, to one to start.

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Drivers do not support `ref:VIDIOC_STREAMON` or `ref:VIDIOC_STREAMOFF <VIDIOC_STREAMON>` with `V4L2_BUF_TYPE_VIDEO_OVERLAY`.

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## 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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## EINVAL

The overlay parameters have not been set up. See [ref:overlay](#) for the necessary steps.

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