

# FE\_READ\_SIGNAL\_STRENGTH

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-read-signal-strength.rst, line 2)**

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.fe
```

## Name

FE\_READ\_SIGNAL\_STRENGTH

### Attention!

This ioctl is deprecated.

## Synopsis

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-read-signal-strength.rst, line 20)**

Unknown directive type "c:macro".

```
.. c:macro:: FE_READ_SIGNAL_STRENGTH
```

```
int ioctl(int fd, FE_READ_SIGNAL_STRENGTH, uint16_t *strength)
```

## Arguments

fd

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

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-read-signal-strength.rst, line 28);**  
[backlink](#)

Unknown interpreted text role "c:func".

strength

The signal strength value is stored into \*strength.

## Description

This ioctl call returns the signal strength value for the signal currently received by the front-end. For this command, read-only access to the device is sufficient.

## Return Value

On success 0 is returned.

On error -1 is returned, and the `errno` variable is set appropriately.

Generic error codes are described at the [ref:Generic Error Codes <gen-errors>](#) chapter.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-read-signal-strength.rst, line 48);** [backlink](#)

