

Selection targets

The precise meaning of the selection targets may be dependent on which of the two interfaces they are used.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\[linux-master] [Documentation] [userspace-api] [media] [v4l]v4l2-selection-targets.rst, line 19)

Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p{6.2cm}|p{1.4cm}|p{7.3cm}|p{1.2cm}|p{0.8cm}|
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\[linux-master] [Documentation] [userspace-api] [media] [v4l]v4l2-selection-targets.rst, line 21)

Unknown directive type "cssclass".

```
.. cssclass:: longtable
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\[linux-master] [Documentation] [userspace-api] [media] [v4l]v4l2-selection-targets.rst, line 23)

Unknown directive type "flat-table".

```
.. flat-table:: Selection target definitions
   :header-rows: 1
   :stub-columns: 0

   * - Target name
     - id
     - Definition
     - Valid for V4L2
     - Valid for V4L2 subdev
   * - ``V4L2_SEL_TGT_CROP``
     - 0x0000
     - Crop rectangle. Defines the cropped area.
     - Yes
     - Yes
   * - ``V4L2_SEL_TGT_CROP_DEFAULT``
     - 0x0001
     - Suggested cropping rectangle that covers the "whole picture".
       This includes only active pixels and excludes other non-active
       pixels such as black pixels.
     - Yes
     - Yes
   * - ``V4L2_SEL_TGT_CROP_BOUNDS``
     - 0x0002
     - Bounds of the crop rectangle. All valid crop rectangles fit inside
       the crop bounds rectangle.
     - Yes
     - Yes
   * - ``V4L2_SEL_TGT_NATIVE_SIZE``
     - 0x0003
     - The native size of the device, e.g. a sensor's pixel array.
       ``left`` and ``top`` fields are zero for this target.
     - Yes
     - Yes
   * - ``V4L2_SEL_TGT_COMPOSE``
     - 0x0100
     - Compose rectangle. Used to configure scaling and composition.
     - Yes
     - Yes
   * - ``V4L2_SEL_TGT_COMPOSE_DEFAULT``
     - 0x0101
     - Suggested composition rectangle that covers the "whole picture".
     - Yes
     - No
   * - ``V4L2_SEL_TGT_COMPOSE_BOUNDS``
     - 0x0102
     - Bounds of the compose rectangle. All valid compose rectangles fit
       inside the compose bounds rectangle.
```

- Yes
- Yes
- * - ``V4L2_SEL_TGT_COMPOSE_PADDED``
- 0x0103
- The active area and all padding pixels that are inserted or modified by hardware.
- Yes
- No