

# V4L2\_PIX\_FMT\_Y8I ('Y8I')

Interleaved grey-scale image, e.g. from a stereo-pair

## Description

This is a grey-scale image with a depth of 8 bits per pixel, but with pixels from 2 sources interleaved. Each pixel is stored in a 16-bit word. E.g. the R200 RealSense camera stores pixel from the left sensor in lower and from the right sensor in the higher 8 bits.

**Byte Order.** Each cell is one byte.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\v4l\linux-master) (Documentation) (userspace-api) (media) (v4l)pixfmt-y8i.rst, line 27)**

Unknown directive type "flat-table".

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

   * - start + 0:
     - Y'\ :sub:`00left`
     - Y'\ :sub:`00right`
     - Y'\ :sub:`01left`
     - Y'\ :sub:`01right`
     - Y'\ :sub:`02left`
     - Y'\ :sub:`02right`
     - Y'\ :sub:`03left`
     - Y'\ :sub:`03right`
   * - start + 8:
     - Y'\ :sub:`10left`
     - Y'\ :sub:`10right`
     - Y'\ :sub:`11left`
     - Y'\ :sub:`11right`
     - Y'\ :sub:`12left`
     - Y'\ :sub:`12right`
     - Y'\ :sub:`13left`
     - Y'\ :sub:`13right`
   * - start + 16:
     - Y'\ :sub:`20left`
     - Y'\ :sub:`20right`
     - Y'\ :sub:`21left`
     - Y'\ :sub:`21right`
     - Y'\ :sub:`22left`
     - Y'\ :sub:`22right`
     - Y'\ :sub:`23left`
     - Y'\ :sub:`23right`
   * - start + 24:
     - Y'\ :sub:`30left`
     - Y'\ :sub:`30right`
     - Y'\ :sub:`31left`
     - Y'\ :sub:`31right`
     - Y'\ :sub:`32left`
     - Y'\ :sub:`32right`
     - Y'\ :sub:`33left`
     - Y'\ :sub:`33right`
```