

## Sensor

|                    |   |
|--------------------|---|
| Sensor Vendor      | Sony                                    |
| Sensor             | IMX273                                  |
| Shutter            | Global Shutter                          |
| Max. Image Circle  | 1/2.9"                                  |
| Sensor Type        | CMOS                                    |
| Sensor Size        | 5 mm x 3.7 mm                           |
| Resolution (H x V) | 1440 px x 1080 px                       |
| Resolution         | 1.6 MP                                  |
| Pixel Size (H x V) | 3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$ |
| Frame Rate         | 220 fps                                 |
| Mono/ Color        | Color                                   |

## Camera Data

|                     |  |
|---------------------|--|
| Interface           | USB 3.0  |
| Pixel Bit Depth     | 10 / 12 bits   |
| Synchronization     | <ul style="list-style-type: none"><li>■ hardware trigger</li><li>■ free-run</li><li>■ software trigger</li></ul> |
| Exposure Control    | <ul style="list-style-type: none"><li>■ programmable via the camera API</li><li>■ hardware trigger</li></ul>     |
| Digital Input       | 1  |
| Digital Output      | 1  |
| General Purpose I/O | 2  |
| Power Requirements  | <ul style="list-style-type: none"><li>■ Via USB 3.0 interface</li></ul>  |

## Housing

|                          |   |
|--------------------------|---|
| Housing Type             | Box   |
| Housing Size (L x W x H) | 29.3 mm x 29 mm x 29 mm                                   |
| Lens Mount               | <ul style="list-style-type: none"><li>■ C-mount</li></ul> |
| Housing Temperature      | 0 - 50°C  |
| Weight (typical)         | 80g   |

## Conformity

|            |  |
|------------|--|
| Conformity | <ul style="list-style-type: none"><li>■ RoHS</li><li>■ FCC Class B</li><li>■ CE</li><li>■ IP30</li><li>■ UL (in preparation)</li><li>■ GenICam</li><li>■ USB3 Vision</li></ul> |
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