

# daA1920-160um (CS-Mount) - Basler dart

The Basler daA1920-160um (CS-Mount) USB 3.0 camera with the Sony IMX392 CMOS sensor delivers 160 frames per second at 2.3 MP resolution. This model comes with a CS-mount.



## Specifications



### General Information

|                    |        |
|--------------------|--------|
| Design-In Sample:  | now    |
| Series Production: | now    |
| Order Number       | 108231 |
|                    |        |

### Sensor

|                    |                   |
|--------------------|-------------------|
| Sensor Vendor      | Sony              |
| Sensor             | IMX392            |
| Shutter            | Global Shutter    |
| Max. Image Circle  | 1/2.3"            |
| Sensor Type        | CMOS              |
| Sensor Size        | 6.6 mm x 4.2 mm   |
| Resolution (HxV)   | 1920 px x 1200 px |
| Resolution         | 2.3 MP            |
| Pixel Size (H x V) | 3.45 µm x 3.45 µm |
| Frame Rate         | 160 fps           |
| Mono/Color         | Mono              |

### Camera Data

|                 |                    |
|-----------------|--------------------|
| Interface       | USB 3.0            |
| Pixel Bit Depth | 8, 12 bits         |
| Synchronization | ■ software trigger |

## Camera Data

|                              |  |
|------------------------------|--|
|                              | <ul style="list-style-type: none"><li>■ hardware trigger</li><li>■ free-run</li></ul>                        |
| Image Processing             | In-Camera Processing   |
| 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               | 2  |
| General Purpose I/O          | 2  |
| Power Supply                 | <ul style="list-style-type: none"><li>■ Via USB 3.0 interface</li></ul>                                      |
| Power Requirements (typical) | 1.8 W  |

## Housing

|                          |  |
|--------------------------|--|
| Housing Type             | Board Level  |
| Housing Size (L x W x H) | 19.9 mm x 29.3 mm x 29 mm                                  |
| Lens Mount               | <ul style="list-style-type: none"><li>■ CS-mount</li></ul> |
| Operating Temperature    | 0 - 50°C   |
| Weight (typical)         | 15g  |


## Conformity

|            |   |
|------------|---|
| Conformity | <ul style="list-style-type: none"><li>■ RoHS</li><li>■ USB3 Vision</li><li>■ CE</li><li>■ GenICam</li><li>■ KC</li><li>■ UL</li><li>■ FCC</li><li>■ EAC</li></ul> |
|------------|---|

 share

 tweet

 share

 mail



### eNewsletter

Regular updates on events and product innovations:

 Subscribe

### Basler on the social networks

Keep in touch with us via the social networks:

