

# daA3840-45um (No-Mount) - Basler dart

The Basler daA3840-45um (No-Mount) USB 3.0 camera with the Sony IMX334 CMOS sensor delivers 45 frames per second at 8.3 MP resolution. This model has no mount.



## Specifications



### General Information

Design-In Sample:	now
Series Production:	February 2021
Order Number	108270

### Sensor

Sensor Vendor	Sony
Sensor	IMX334
Shutter	Rolling Shutter
Max. Image Circle	1/1.8"
Sensor Type	CMOS
Sensor Size	7.7 mm x 4.3 mm
Resolution (HxV)	3840 px x 2160 px
Resolution	8.3 MP
Pixel Size (H x V)	2 µm x 2 µm
Frame Rate	45 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)	7.9 mm x 27 mm x 27 mm
Lens Mount	<ul style="list-style-type: none"><li>■ none</li></ul>
Operating Temperature	0 - 50°C
Weight (typical)	5g


## 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>
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