daA1920-160uc (S-Mount) - Basler dart

The Basler daA1920-160uc (S-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 S-mount.

Specifications

General Information

Design-In Sample:	now
Series Production:	now
Order Number	108233
Ready for shipment Delivery times may vary. Please ask for the current availability and use the request cart.	approx. 14 days
Destination	United States

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	Color

Camera Data

Interface	USB 3.0
Pixel Bit Depth	8, 12 bits

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Camera Data

Synchronization	■ software trigger ■ hardware trigger ■ free-run
Image Processing	In-Camera Processing
Exposure Control	■ programmable via the camera API ■ hardware trigger
Digital Input	1
Digital Output	2
General Purpose I/O	2
Power Supply	■ Via USB 3.0 interface
Power Requirements (typical)	2 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	■ S-mount
Operating Temperature	0 - 50°C
Weight (typical)	15g

Conformity

Conformity	■ RoHS ■ USB3 Vision ■ CE ■ GenICam ■ KC ■ UL ■ FCC ■ EAC

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