

daA1600-60uc - Basler dart

The Basler daA1600-60uc USB 3.0 camera with the e2V EV76C570 CMOS sensor delivers 60 frames per second at 2 MP resolution.



Number

1

+
-

Buy now or add to request cart

Request test camera



Add to watch list ☆

Specifications

General Information

	Order Number	No-mount: 106983 / CS-Mount: 106988 / S-Mount: 106989
--	--------------	---

Sensor

Sensor Vendor	e2v
Sensor	EV76C570
Shutter	Global Shutter
Max. Image Circle	1/1.8"
Sensor Type	CMOS
Sensor Size	7.2 mm x 5.4 mm
Resolution (HxV)	1600 px x 1200 px
Resolution	2 MP
Pixel Size (H x V)	4.5 µm x 4.5 µm
Frame Rate	60 fps
Mono/Color	Color

Camera Data

Interface	USB 3.0
Pixel Bit Depth	8, 12 bits
Synchronization	<div><div>■</div> hardware trigger</div> <div><div>■</div> free-run</div> <div><div>■</div> software trigger</div>
Exposure Control	<div><div>■</div> programmable via the camera API</div>
Digital Input	1
Digital Output	2

Camera Data

General Purpose I/O	2
Power Requirements	<ul style="list-style-type: none">Via USB 3.0 interface
Power Consumption (typical)	1.3 W

Housing

Housing Type	Board Level
Housing Size (L x W x H)	7.2 mm x 27 mm x 27 mm
Lens Mount	<ul style="list-style-type: none">CS-mountnoneS-mount
Housing Temperature	0 - 50°C
Weight (typical)	15g

Conformity

Conformity	<ul style="list-style-type: none">CERoHSGenICamULUSB3 VisionFCC
------------	--

Features

Features

Click on a feature to open the corresponding topic in the [Basler Product Documentation](#).

Color Creation and Enhancement	<ul style="list-style-type: none">Auto Function Profile: Anti-FlickerBacklight CompensationBalance White (Manual White Balance)Balance White Auto (Automatic White Balance)Contrast EnhancementHue/SaturationLight Source PresetsS-Curve Contrast ModesRGB Gamma Correction
I/O Control and Line Source Signals	<ul style="list-style-type: none">Acquisition Trigger Wait / Frame Burst Trigger WaitDebouncerExposure ActiveFlash WindowFrame Trigger WaitMinimum Output Pulse WidthTimer ActiveUser Output
Image Acquisition Control	<ul style="list-style-type: none">Acquisition StatusFrame Start TriggerTriggered by HardwareTriggered by Software
Miscellaneous	<ul style="list-style-type: none">Device Information ParametersUser Defined ValuesUser Sets (Configuration Sets)
PGI	<ul style="list-style-type: none">5x5 Debayering

Features

Click on a feature to open the corresponding topic in the Basler Product Documentation.

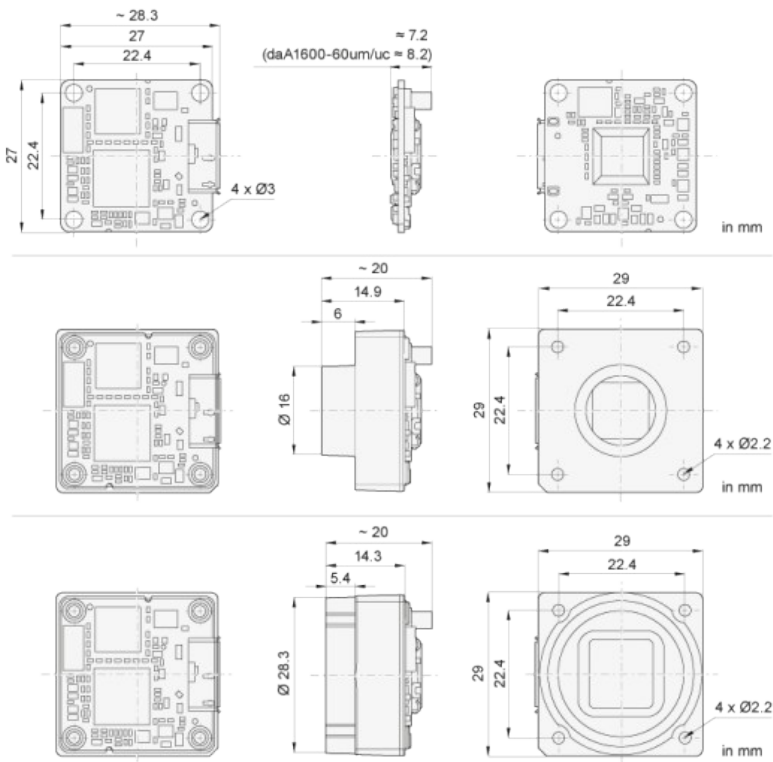
	<ul style="list-style-type: none">■ Color-Anti-Aliasing■ Denoising■ Improved Sharpness
Pixel Formats	<ul style="list-style-type: none">■ Bayer 12■ Bayer 8■ RGB 8■ YCbCr422_8 (YUV422_8)
Standard Features	<ul style="list-style-type: none">■ Auto Function Profile■ Binning Horizontal■ Binning Vertical■ Black Level■ Exposure Auto■ Exposure Mode: Timed (Control via API)■ Gain■ Gain Auto■ Gamma Correction■ Region of Interest (ROI)■ Reverse X (Horizontal Mirroring)■ Reverse Y (Vertical Mirroring)■ Test Images

Dimensions

Mechanical drawing for daA1600-60uc

Mechanical drawings provide the detailed measurements of a camera product. Click on the link below to download the mechanical drawing for daA1600-60uc.

[Download now](#)





eNewsletter

Regular updates on events and product innovations:



Basler on the social networks

Keep in touch with us via the social networks:

