

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

+ -

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Specifications

General Information

	Order Number	No-mount: 106983 / CS-Mount: 106988 / S-Mount: 106989
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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	■ hardware trigger ■ free-run ■ software trigger
Exposure Control	■ programmable via the camera API
Digital Input	1
Digital Output	2

Camera Data

General Purpose I/O	2
Power Requirements	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	- CS-mount - none - S-mount
Housing Temperature	0 - 50°C
Weight (typical)	15g

Conformity

Conformity	- CE - RoHS - GenICam - UL - USB3 Vision - FCC
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Features

Features

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

Color Creation and Enhancement	Auto Function Profile: Anti-Flicker Backlight Compensation Balance White (Manual White Balance) Balance White Auto (Automatic White Balance) Contrast Enhancement Hue/Saturation Light Source Presets S-Curve Contrast Mode sRGB Gamma Correction
I/O Control and Line Source Signals	Acquisition Trigger Wait / Frame Burst Trigger Wait Debouncer Exposure Active Flash Window Frame Trigger Wait Minimum Output Pulse Width Timer Active User Output
Image Acquisition Control	Acquisition Status Frame Start Trigger Triggered by Hardware Triggered by Software
Miscellaneous	Device Information Parameters User Defined Values User Sets (Configuration Sets)
PGI	5x5 Debayering

Features

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

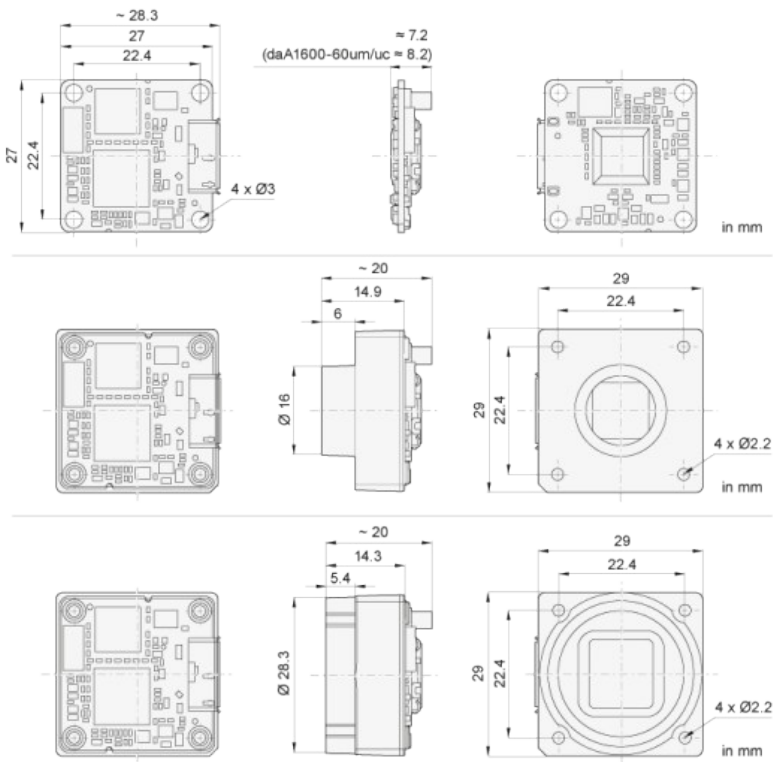
	■ Color-Anti-Aliasing ■ Denoising ■ Improved Sharpness
Pixel Formats	■ Bayer 12 ■ Bayer 8 ■ RGB 8 ■ YCbCr422_8 (YUV422_8)
Standard Features	■ Auto Function Profile ■ Binning Horizontal ■ Binning Vertical ■ Black Level ■ Exposure Auto ■ Exposure Mode: Timed (Control via API) ■ Gain ■ Gain Auto ■ Gamma 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](#)





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