

daA1280-54lm - Basler dart

The Basler daA1280-54lm BCON camera with the ON Semiconductor AR0134 CMOS sensor delivers 54 frames per second at 1.2 MP resolution.



Number

1

+
-

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Specifications

General Information

Order Number	No-Mount: 107139, CS-Mount: 107140, S-Mount: 107141
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Sensor

Sensor Vendor	ON Semiconductor
Sensor	AR0134
Shutter	Global Shutter
Max. Image Circle	1/3"
Sensor Type	CMOS
Sensor Size	4.8 mm x 3.6 mm
Resolution (HxV)	1280 px x 960 px
Resolution	1.2 MP
Pixel Size (H x V)	3.75 µm x 3.75 µm
Frame Rate	54 fps
Mono/Color	Mono

Camera Data

Interface	BCON for LVDS
Pixel Bit Depth	8, 12 bits
Synchronization	■ hardware trigger ■ free-run ■ software trigger
Exposure Control	■ programmable via the camera API
Digital Input	1

Camera Data

Digital Output	2
Power Requirements	5V DC (via BCON for LVDS interface)
Power Consumption (typical)	1.3 W

Housing

Housing Type	Board Level
Housing Size (L x W x H)	4.9 mm x 27 mm x 27 mm
Lens Mount	- CS-mount - S-mount - none
Housing Temperature	0 - 50°C
Weight (typical)	15g

Conformity

Conformity	- CE - RoHS - FCC - GenICam - UL
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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 Contrast Enhancement
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)
Pixel Formats	Mono 12 Mono 8
Standard Features	Auto Function Profile Binning Horizontal Binning Vertical Black Level Exposure Auto Exposure Mode: Timed (Control via API)

Features

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

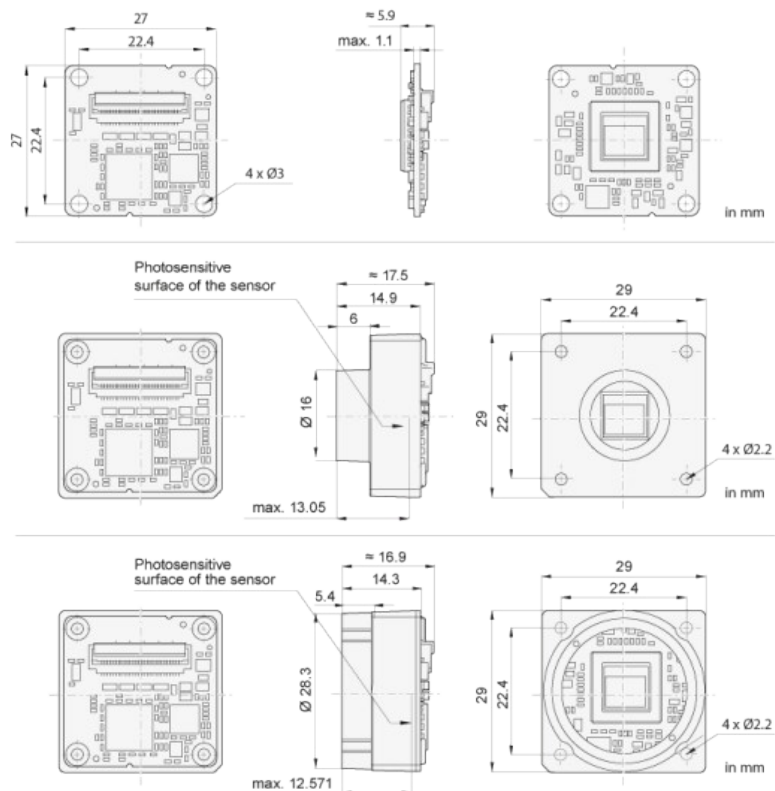
- [Gain](#)
- [Gain Auto](#)
- [Gamma Correction](#)
- [Region of Interest \(ROI\)](#)
- [Reverse X \(Horizontal Mirroring\)](#)
- [Reverse Y \(Vertical Mirroring\)](#)
- [Test Images](#)

Dimensions

Mechanical drawing for daA1280-54lm

Mechanical drawings provide the detailed measurements of a camera product. Click on the link below to download the mechanical drawing for daA1280-54lm.

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