BASLER ACE GIGE USB3.0 AND CAMERALINK CAMERAS

Ace Classic, Ace U and Ace L

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ACA3088-16GC
Ace U GigE Camera, IMX178 1/1.8" CMOS, 16fps, Colour, C-Mount

- VGA to 20 Mpixels
- Frame Rate up to 751 fps
- CMOS Sensors with NIR function
- Camera Link with PoCL
- Very small housing

Product description

Basler Ace Cameras, launched in 2009, are the smallest GigE camera on the market, also available with USB3.0 and Camera Link interface. With a small housing of only 29 x 29mm, the ace is suitable for a large range of vision applications, even where space is limited. There are over 130 models in the Ace range, split is Ace Classic, Ace U and Ace L. All featuring a range of resolutions from VGA to 20mp, speeds of up to 751 fps and sensors from a range of suppliers

Ace Classic model cameras have an excellent price/performance ratio and also feature a range of comprehensive sensors, including, CMOS from CMOSIS, e2V, ON Semiconductor (MT series) and CCD from Sony. The Ace classic range is available in GigE, USB3.0 and CameraLink.

Ace U cameras have the same compact footprint of the Ace Classic range (29 x 29mm), with the addition of unique PGI feature set from Basler and new CMOS sensors, in GigE and USB3.0 interfaces.

Ace L cameras feature the same additional firmware as Ace U but with high resolution 9 and 12mp Sony Pregius CMOS sensors, and optical formats above 1", to accommodate these larger sensors the Ace L is slightly larger with a footprint of 40mm x 30mm. With frame rates up to 40fps, the Ace L is available in GigE and USB3.0.

Specifications

Approvals	CE, FCC, GenICam, GigE Vision, RoHS, UL, EAC
Digital Inputs	1
Digital Outputs	1
Frame Rate Max	16
Height	29
Interface	GigE
IP Class	IP30
Length	42
Lens Barrel	C-mount
Mono/Color	Color
Operating temperature	0°C … 50°C

Pixel size	2.4 x 2.4
Power Consumption	2.5
Resolution	6MP
Resolution Max	3088 x 2064 px
Sensor model	IMX178
Sensor size	1/1.8"
Sensor supplier	Sony
Sensor type	CMOS
Shutter type	Rolling
Weight	90
Width	29