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BASLER MED ACE GIGE AND USB3.0

Cameras for medical industry

ACA1920-40UMMED
MED Ace USB3.0 Camera, IMX249, 1/1.2", CMOS, 41fps, Mono



- Resolution: up to 20 MP and frame rate: up to 164 fps
- Supported by Pylon Suite software and open-source SDKs for easy image acquisition and fast application development
- In accordance with ISO 13485:2016
- Now with Dust Protection+
- Ideal for applications in medicine, medical tech and life sciences

PRODUCT DESCRIPTION

Specifically designed for applications in medicine, medical technology and life science, the MED ace cameras are in accordance with ISO 13485:2016. Available in GigE and USB interface, with CMOS sensors from Sony Pregius series or PYTHON from ON Semiconductor. All models feature Basler MED Feature Sets which combine powerful hardware, firmware and software functions, to meet the high requirements of applications in Life and Medical Sciences market, additionally the MED Ace features low temporal dark noise up to 2e-.

Features on MED Ace:

- Up to 164 fps
- Up to 20 megapixel
- GigE and USB3.0 interfaces
- Pixel sizes up to 5.86 µm
- Sensor sizes up to 1.1”

TECHNICAL DATA

3612_Pixel size (µm)	5.86 x 5.86
Approvals	CE, FCC, GenICam, RoHS, UL, EAC, USB3 Vision
Digital inputs	1
Digital outputs	1
Frame rate max	41 fps
Height	29 mm
Interface	USB 3.0
IP class	IP30
Length	293 mm
Lens barrel	C-mount
Mono/color	Mono
Operating temperature	0°C … 50°C

Power consumption	25 W
Resolution max	1920 x 1200 px
Sensor model	IMX249
Sensor size	1/1.2"
Sensor supplier	Sony
Sensor Type	CMOS
Shutter type	Global
Weight	80 g
Width	29 mm