

acA780-75gc

ace Series



The Basler acA780-75gc GigE camera with the Sony ICX415 CCD sensor delivers 75 frames per second at CCIR resolution.

Quantity: 1 Add to Request Cart

Specifications Features Dimensions Downloads Software Accessories

Resolution (H x V pixels)	780 px x 580 px
Pixel Size horizontal/vertical	8.3 µm x 8.3 µm
Frame Rate	75 fps
Mono/Color	Color
Interface	GigE
Video Output Format	Mono 8, Bayer BG 8, Bayer BG 12, Bayer BG 12 Packed, YUV 4:2:2 Packed, YUV 4:2:2 (YUYV) Packed
Pixel Bit Depth	12 bits
Exposure Control	<ul style="list-style-type: none">programmable via the camera APIexternal trigger signal
Synchronization	<ul style="list-style-type: none">external triggerfree-runEthernet connection
Housing	box
Quantum Efficiency (typical)	41,29 % (at 545 nm)
Dark Noise (typical)	19,4 e ⁻
Saturation Capacity (typical)	19 ke ⁻
Dynamic Range (typical)	59,8 dB
Signal to Noise Ratio	42,8 dB
Housing Size (L x W x H) in mm	42.0 x 29.0 x 29.0
Housing Temperature	0 °C - 50 °C
Lens Mount	<ul style="list-style-type: none">C-mountCS-mount
Digital Input	1
Digital Output	1
Power Requirements	PoE or 12 VDC

Camera Quick Finder

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Interface

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The new ace models:



More ace videos

Further Information

- ace USB 3.0 models from VGA to 14 MP
- ace CMOSIS – now also with USB 3.0
- Basler ace 10 and 14 MP models
- ace models with new CMOS sensors

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Power Consumption (typical)	3.3 W
Power Consumption PoE	3.6 W
Weight (typical)	90 g
Conformity	<div><div></div><div><ul style="list-style-type: none">CERoHSGenICamGigE VisionIP30ULFCCIEEE 802.3af (PoE)</div></div>
Sensor Vendor	Sony
Sensor	ICX415
Shutter	global shutter
Max. Image Circle	1/2 inch
Sensor Type	CCD
Sensor Size (mm)	6.49 mm x 4.83 mm
Order Number	105982



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