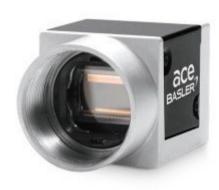


acA2500-60um - Basler ace

The Basler acA2500-60um USB 3.0 camera with the ON Semiconductor PYTHON 5000 CMOS sensor delivers 60 frames per second at 5 MP resolution.











<u>Software</u>

<u>Dimensions</u>

<u>Specifications</u>	<u>Features</u>	<u>Accessories</u>	<u>Documents</u>
General Information			
	Order Number	107257	
	Product Line	ace U	
Sensor			
	Sensor Vendor	ON Semiconductor	
	Sensor	PYTHON 5000	
	Shutter	Global Shutter	
	Max. Image Circle	1"	
	Sensor Type	CMOS	
	Sensor Size	12.4 mm x 9.8 mm	
	Resolution (HxV)	2590 px x 2048 px	

Downloaded from Arrow.com.

Sensor

Resolution	5 MP
Pixel Size (H x V)	4.8 μm x 4.8 μm
Frame Rate	60 fps
Mono/Color	Mono

EMVA Data

EMVA Quantum Efficiency (typical)	55.0 %
Dark Noise (typical)	11.4 e ⁻
Saturation Capacity (typical)	7.9 ke ⁻
Dynamic Range (typical)	56.8 dB
Signal-to-Noise Ratio (typical)	39.0 dB

Camera Data

Pixel Bit Depth Synchronization hardware trigger free-run software trigger programmable via the camera API hardware trigger hardware trigger Digital Input Digital Output 1 General Purpose I/O Power Requirements Via USB 3.0 interface Power Consumption (typical) 3.5 W	Interface	USB 3.0
 free-run software trigger Exposure Control programmable via the camera API hardware trigger Digital Input Digital Output General Purpose I/O Power Requirements Via USB 3.0 interface 	Pixel Bit Depth	10 bits
■ hardware trigger Digital Input 1 Digital Output 1 General Purpose I/O 2 Power Requirements ■ Via USB 3.0 interface	Synchronization	• free-run
Digital Output 1 General Purpose I/O 2 Power Requirements • Via USB 3.0 interface	Exposure Control	· -
General Purpose I/O 2 Power Requirements • Via USB 3.0 interface	Digital Input	1
Power Requirements • Via USB 3.0 interface	Digital Output	1
	General Purpose I/O	2
Power Consumption (typical) 3.5 W	Power Requirements	■ Via USB 3.0 interface
	Power Consumption (typical)	3.5 W

Housing

Housing Type	Box
Housing Size (L x W x H)	29.3 mm x 29 mm x 29 mm
Lens Mount	C-mount
Housing Temperature	0 - 50°C
Weight (typical)	80g

Conformity

Conformity

CE
RoHS
GenlCam
IP30
FCC
USB3 Vision
UL

■ KC