

Basler boost boA4112-68 Monochrome Camera Kit

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Basler boost CoaXPress 2.0 Camera Kits

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A\$6,544^{.00}

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Monochrome	Spectrum:
General	
Monochrome Camera	Type:
boA4112-68cm	Model Number:
Basler	Manufacturer:
	Camera Series:

boost	
Note: Kit includes a camera, CXP-12 interface card, CXP data cable, 2 heat sinks, an I/O cable, and C-Mount Lens adapter (adapter is required to attach lens)	
Physical & Mechanical Properties	
Dimensions (mm): 45 x80 x80 (includes connectors and lens mount)	
Weight (g): 180	
Housing: Full	
Sensor	
Image Buffer: Not Specified	
Sensor Format: 1.1"	
Resolution (Megapixels): 12.30	
Frame Rate (fps): 68.00	
Pixels (H x V): 4,096 x3,000	
Pixel Size, H x V (µm): 3.45 x3.45	
Sensing Area, H x V (mm): 14.13 x10.35	
Imaging Sensor: Sony IMX253	
Type of Sensor: Progressive Scan CMOS	
Shutter Type: Global	
Pixel Depth: 8 bit	
Exposure Time: Programmable via camera API, hardware trigger	
Dynamic Range (dB): Not Specified	
Machine Vision Standard: CoaXPress 2.0, GenICam	
Electrical	
Power Consumption (W): 9.6	
Hardware & Interface Connectivity	
Interface: CoaXPress 2.0 (CXP-12)	
Connector: CoaXPress, Micro-BNC	
Power Supply: Power over CoaXPress or via GPIO	
GPIOs: 1 opto-coupled input, 2 GPIO	
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run	
Interface Port Orientation: Back Panel	
GPIO Connector Type: 6-pin M7	
Operating System: Software Driver: Windows	
Threading & Mounting	
Mount: C-Mount	
Mounting Threads: 1/4-20 (Integrated into Housing)	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to +50	

Storage Temperature (°C):	
-20 to +80	
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

Product Details

- Utilize Full Sensor Potential in Both Resolution and Speed
- High Bandwidth CoaXPress 2.0 (CXP-12) Cameras
- CXP-12 Interface Card 1C Included with Cameras

The Basler boost CoaXPress 2.0 cameras combine the performance of a high resolution sensor with the high bandwidth of the CoaXPress 2.0 interface. The CXP-12 interface can achieve speed and bandwidth of up to 12.5 gigabits per second, which is ideal for applications where high data rates and short latency periods are required. These cameras work with Basler's Pylon software. The camera kits include a camera (without a mount), a CXP-12 interface card 1C, a CXP data cable, 2 heat sinks, a C-mount lens adapter, and an I/O cable. The Basler boost CoaXPress 2.0 cameras are a great choice for applications that require high data rates and resolutions and where the camera's image data must be transferred over long distances.