

Basler boost boA4096-93 Color Camera Kit



Basler boost CoaXPress 2.0 Camera Kits

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Video Output:
CoaXPress 2.0 (CXP-12)

Type:
Color Camera

Manufacturer:
Basler

Mounting Threads:
¼-20 (Integrated into Housing)

Image Buffer:

Not Specified
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)
Camera Family: boost
Model Number: boA4096-93cc
Imaging Sensor: Sony IMX255
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1"
Resolution (MegaPixels): 8.90
Pixels (H x V): 4,096 x2,168
Pixel Size, H x V (µm): 3.45 x3.45
Sensing Area, H x V (mm): 14.13 x7.48
Frame Rate (fps): 93.00
Pixel Depth: 8 bit
Exposure Time: Programmable via camera API, hardware trigger
Connector: CoaXPress, Micro-BNC
Power Supply: Power over CoaXPress or via GPIO
Power Consumption (W): 9.6
GPIOs: 1 opto-coupled input, 2 GPIO
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 45 x80 x80 (includes connectors and lens mount)
Weight (g): 180
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin M7
Machine Vision Standard: CoaXPress 2.0, GenICam
Operating System: Software Driver: Windows

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant

