

Basler ace acA4112-8gm Monochrome GigE Camera



Basler ace GigE Cameras



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Video Output:
GigE (PoE)

Type:
Monochrome Camera

Manufacturer:
Basler

Mounting Threads: 1/4-20 with Tripod Mount Adapter #17-711
Camera Family: ace
Model Number: acA4112-8gm
Imaging Sensor: Sony IMX304
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 12.00
Pixels (H x V): 4,096 x 3,000
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 14.13 x 10.35
Frame Rate (fps): 8.00
Pixel Depth: 8/12 bit
Exposure Time: Programmable via camera API, hardware trigger
Connector: GigE, RJ45 with Screw Locks
Power Supply: Power Supply Required and Sold Separately. USA: #68-466 Europe: #68-466 Japan: #68-466 Korea: #68-466 China: #68-466
Power Consumption (W): 2.7 (12VDC External Power Supply) 3.2 (PoE)
GPIOs: 1 opto-coupled input line, 1 opto-coupled output line, 1 general purpose I/O (GPIO) line
Synchronization: Hardware Trigger (GPIO), Software Trigger, or Free-Run
Dimensions (mm): 50 x 40 x 30 (excludes connectors and lens mount)
Weight (g): 90
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): 72.8
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 6-pin Hirose (HR10)
Machine Vision Standard: GigE Vision, GenICam

Regulatory Compliance

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

