

Stingray F-046B 1/2" CCD Monochrome Camera

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Video Output:
FireWire.b

Type:
Monochrome Camera

Manufacturer:
Allied Vision

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#59-157](#)

Image Buffer:

128MB
Camera Family: Stingray
Model Number: F-046B
Imaging Sensor: Sony ICX415
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 1/2"
Resolution (MegaPixels): 0.40
Pixels (H x V): 780 x 582
Pixel Size, H x V (µm): 8.3 x 8.3
Sensing Area, H x V (mm): 6.4 x 4.8
Frame Rate (fps): 55.00
Pixel Depth: 8/14 bit
Exposure Time: Programmable via IEEE-1394 bus
Connector: FireWire, IEEE 1394b
Power Supply: Power over FireWire, or with Power Supply Sold Separately. USA: #15-281 Europe: #15-281 Japan: #15-281 China: #15-281
Power Consumption (W): <3.5 (12VDC External Power Supply)
GPIOs: 2 configurable inputs, 4 configurable outputs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 57.5 x 44 x 29 (excludes connectors and lens mount)
Weight (g): 120
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): +5 to +45
Storage Temperature (°C): -10 to +70
GPIO Connector Type: 12-pin Hirose (HR10)
Machine Vision Standard: IIDC Standard v1.31
Power Requirement: Supplied via IEEE-1394.b cable or 12-pin Hirose

Regulatory Compliance

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