

Allied Vision Guppy Pro F-046 1/2" CCD Color Camera

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Video Output: FireWire.b
Type: Color Camera
Manufacturer: Allied Vision
Mounting Threads: 1/4-20 with Tripod Mount Adapter #68-585
Image Buffer:

64MB
Camera Family: Guppy Pro
Model Number: F-046
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 580
Pixel Size, H x V (µm): 8.3 x 8.3
Sensing Area, H x V (mm): 6.47 x 4.81
Frame Rate (fps): 62.00
Pixel Depth: 8/12 bit
Exposure Time: Via Software
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: 1 configurable opto-coupled input, 3 configurable opto-coupled outputs
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Dimensions (mm): 29 x 29 x 29 (excludes connectors and lens mount)
Weight (g): 80
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 cable or 12-pin Hirose

Regulatory Compliance

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

