

Allied Vision Guppy Pro F-031 1/4" 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-031
Imaging Sensor: Sony ICX618
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 1/4"
Resolution (MegaPixels): 0.30
Pixels (H x V): 656 x 494
Pixel Size, H x V (µm): 5.6 x 5.6
Sensing Area, H x V (mm): 3.6 x 2.8
Frame Rate (fps): 123.00
Pixel Depth: 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): 70
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