

Allied Vision Guppy Pro F-033 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 [#68-585](#)

Image Buffer:

64MB
Camera Family: Guppy Pro
Model Number: F-033
Imaging Sensor: Sony ICX414
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 1/2"
Resolution (MegaPixels): 0.30
Pixels (H x V): 656 x 492
Pixel Size, H x V (µm): 9.9 x 9.9
Sensing Area, H x V (mm): 6.49 x 4.87
Frame Rate (fps): 85.00
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

