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IDS Imaging U3-3160CP-C-HQ 2/3" Color USB3 Camera

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IDS Imaging uEye+ USB3 Camera, CP Model (Back)



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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer:
IDS Imaging

Mounting Threads:

1/4-20 with Tripod Mount Adapter [#16-017](#)

Image Buffer: 128MB
Camera Family: uEye CP
Model Number: U3-3160CP-C-HQ Rev.2.2
Imaging Sensor: onSemi Python 2000
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 2.30
Pixels (H x V): 1,920 x 1,200
Pixel Size, H x V (µm): 4.8 x 4.8
Sensing Area, H x V (mm): 9.21 x 5.76
Frame Rate (fps): 169.00
Pixel Depth: 12 bit
Exposure Time: 44µs - 0.5s
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 1.6 - 4.3
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Output Supply Voltage, 1 Ground
Synchronization: Hardware Trigger (GPIO)
Dimensions (mm): 29 x 29 x 29 (excludes connectors and lens mount)
Weight (g): 52
Mount: C-Mount
Housing: Full
Interface Port Orientation: Back Panel
Dynamic Range (dB): Not Specified
Operating Temperature (°C): 0 to +55
Storage Temperature (°C): -20 to +60
GPIO Connector Type: 8-pin Hirose (HR25)
Machine Vision Standard: USB3 Vision v1.1

Regulatory Compliance

RoHS 2015: Exempt
Certificate of Conformance: View