

IDS Imaging U3-3070CP-C-HQ 1/1.8" Color USB3 Camera

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



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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer: IDS Imaging
Mounting Threads: ¼-20 with Tripod Mount Adapter #35-088
Image Buffer: 128MB
Camera Family: uEye+ CP
Model Number: U3-3070CP-C-HQ Rev.2.2
Imaging Sensor: Sony IMX252
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 3.15
Pixels (H x V): 2,048 x 1,536
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 7.07 x 5.30
Frame Rate (fps): 114.00
Pixel Depth: 12 bit
Exposure Time: 36µs - 2s
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 1.6 - 3.5
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Output Supply Voltage, 1 Ground
Synchronization: Hardware Trigger (GPIO)
Dimensions (mm): 29.0 x 29.0 x 29.0 (excludes connectors and lens mount)
Weight (g): 47
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 v1.0

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View
Reach 233: Contains SVHC(s)

