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IDS Imaging U3-3680XCP-NIR-GL 1/2.5" NIR USB3 Camera

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



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Video Output:
USB 3.0

Type:
NIR Camera

Manufacturer:
IDS Imaging

Mounting Threads:

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

Image Buffer: Not Specified
Camera Family: uEye XCP
Model Number: U3-3680XCP-NIR-GL
Imaging Sensor: onsemi AR0522
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/2.5"
Resolution (MegaPixels): 5.00
Pixels (H x V): 2,592 x 1,944
Pixel Size, H x V (µm): 2.20 x 2.20
Sensing Area, H x V (mm): 5.70 x 4.27
Frame Rate (fps): 48.00
Pixel Depth: 12 bit
Exposure Time: 10µs - 0.6s
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 0.5 - 1
GPIOs: 1 Flash Output, 1 Trigger Input, 2 GPIO, 1 Voltage Output, 2 Ground, 1 USB Pwr
Synchronization: Hardware Trigger (GPIO); Software Trigger
Dimensions (mm): 29 x 29 x 17 (excludes connectors and lens mount)
Weight (g): 61
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