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IDS Imaging U3-3886SE-C-HQ 1.1" Color USB3 Camera

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



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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 SE
Model Number: U3-3990SE-C-HQ Rev.1.2
Imaging Sensor: Sony IMX541
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1.1"
Resolution (MegaPixels): 20.30
Pixels (H x V): 4,512 x 4,512
Pixel Size, H x V (µm): 2.74 x 2.74
Sensing Area, H x V (mm): 12.36 x 12.36
Frame Rate (fps): 19.00
Pixel Depth: 12 bit
Exposure Time: 13µs - 2s
Connector: USB Type-C
Power Supply: Power over USB
Power Consumption (W): 1.9 - 5.8
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage Output, 1 Ground
Synchronization: Hardware Trigger (GPIO); Software Trigger
Dimensions (mm): 34 x 44 x 47 (excludes connectors and lens mount)
Weight (g): 110
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