

IDS Imaging U3-3881LE-C-HQ 1/1.8" Monochrome Board Level USB 3.1 Camera

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IDS Imaging uEye LE Camera (M12, Board Level, Front View)



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
IDS Imaging

Mounting Threads: N/A
Image Buffer: Not Specified
Camera Family: uEye LE
Model Number: U3-3881LE-M-GL Rev.1.2
Imaging Sensor: Sony IMX178
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 6.40
Pixels (H x V): 3,088 x 2,076
Pixel Size, H x V (µm): 2.40 x 2.40
Sensing Area, H x V (mm): 7.41 x 4.98
Frame Rate (fps): 54.00
Pixel Depth: 12 bit
Exposure Time: 14µs - 1s
Connector: USB Type-C
Power Supply: Power over USB
Power Consumption (W): 1 - 1.5
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 2 TWI, 1 Voltage Output, 1 Ground
Synchronization: Hardware Trigger (GPIO); Software Trigger
Dimensions (mm): 36 x 36 x 20 (excludes connectors and lens mount)
Weight (g): 16
Mount: M12 x 0.5 (S-Mbunt)
Housing: Board Level
Interface Port Orientation: Back Back (Right Angle)
Dynamic Range (dB): Not Specified
Operating Temperature (°C): 0 to +55
Storage Temperature (°C): -20 to +80
GPIO Connector Type: 10-pin Wuerth
Machine Vision Standard: USB3 Vision v1.1

Regulatory Compliance

RoHS 2015: Exempt
Certificate of Conformance: View