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IDS Imaging U3-3890CP-M-GL 1/1.7" Monochrome USB3 Camera

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



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer: IDS Imaging
Mounting Threads: ¼-20 with Tripod Mount Adapter #35-088
Image Buffer: 128MB
Camera Family: uEye+ CP
Model Number: U3-3890CP-M-GL Rev.2.2
Imaging Sensor: Sony IMX226
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Rolling
Camera Sensor Format: 1/1.7"
Resolution (MegaPixels): 12.00
Pixels (H x V): 4,000 x 3,000
Pixel Size, H x V (µm): 1.85 x 1.85
Sensing Area, H x V (mm): 7.40 x 5.55
Frame Rate (fps): 32.00
Pixel Depth: 12 bit
Exposure Time: 40µs - 609ms
Connector: USB 3.0, Micro-B
Power Supply: Power over USB
Power Consumption (W): 1.8 - 2.9
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)

