

IDS Imaging U3-3800CP-M-GL 1" Monochrome USB3 Camera

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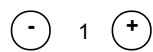


IDS Imaging uEye+ USB3 Camera, CP Model (Front)



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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
IDS Imaging

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#35-088](#)

Image Buffer:
128MB

Camera Family:
uEye+ CP

Model Number:
U3-3800CP-M-GL Rev.2.2

Imaging Sensor:
Sony IMX183

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Rolling

Camera Sensor Format:
1"

Resolution (MegaPixels):
20.44

Pixels (H x V):
5,536 x 3,692

Pixel Size, H x V (µm):
2.40 x 2.40

Sensing Area, H x V (mm):
13.29 x 8.86

Frame Rate (fps):
19.50

Pixel Depth:
12 bit

Exposure Time:
53µs - 814ms

Connector:
USB 3.0, Micro-B

Power Supply:
Power over USB

Power Consumption (W):
1.6 - 3.9

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 2015:
[Exempt](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Contains SVHC\(s\)](#)

