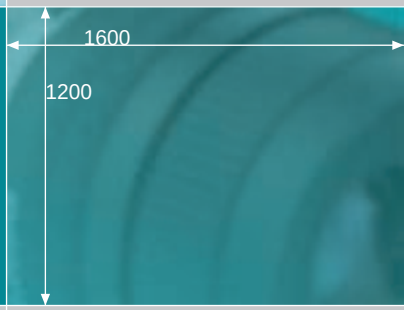


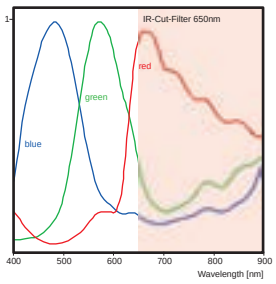
USB uEye® UI-1550ME-C

2 Megapixel UXGA Camera with 1/3″ CMOS Sensor

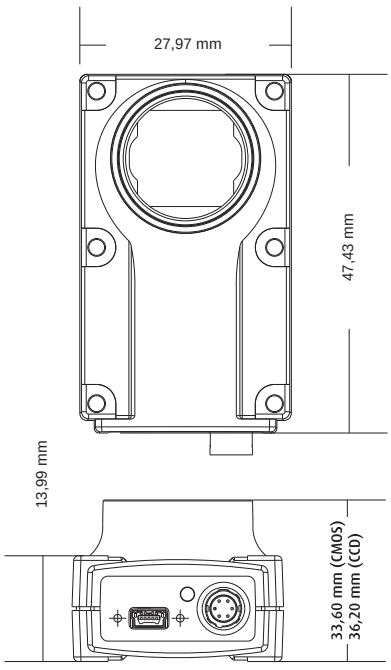
USB uEye® UI-1550ME-C

The USB uEye®ME Family

The USB uEye ME - the "Machine Edition" - features a completely new housing concept. With its right angle design, the uEye ME is ideal for vision applications where there are space constraints. In addition, its lockable connectors and the industrial grade metal housing make the uEye ME suitable for vision applications where reliable performance is required under the most strenuous conditions.



Sensor Characteristics UI-1550ME-C



Dimensions USB uEye ME Models

Interface	USB 2.0
Sensor Technology	CMOS
Model description (color)	UI-1550ME-C
Model description (Mono)	-
Resolution (h x v)	1600 x 1200
Resolution Category / Pixel Class	UXGA/2 MP
Sensor size	1/3"
Shutter	Rolling
max. fps in Freerun Mode at full resolution	18,3 fps
max. fps in SW Trigger Mode at 1 ms exposure	18,2 fps
Exposuretime in Freerun Mode	38 µs - 12,8 s
Exposuretime in Trigger Mode	38 µs - 12,8 s
AOI Modes	$H^2 + V^2$
AOI with 1280 x 720 Pixels	35,7 fps
Subsampling Modes	$H^2 + V^2$
Subsampling Factors	2x, 4x, 8x, 16x
Resolution, fps	800 x 600, 71 fps 400 x 300, 252 fps
Binning Modes	$H^2 + V^2$
Binning Method	H + V: Average
Binning Factors	2x
Mono: Maximum Gain	-
Color: Maximum Gain RGB/Master	3,1x/5,8x
Additional Gain Boost with Factor	2x
Sensor Model	MT9D131
Pixelpitch in µm	2,8
Optical Size	4,48 x 3,36 mm
Aspect Ratio	4:3
Exact Real Diagonal	5,6 mm, 1/2,9"

In scope of delivery:

Powerful, easy to handle uEye SDK
uEye Demo and Programexamples executable and Source Code.
uEye Camera Manager
TWAIN, Active-X and Direct Show (WDM) drivers
Interfaces for ActivVision Tools, Common Vision Blox, HALCON, LabVIEW and Neurocheck
GenICam™ Interface

Driver for Windows 2000, XP, VISTA and Linux

The characteristics at a glance

^{2} = Use increases frame rate

1288 EMVA Standard Compliant