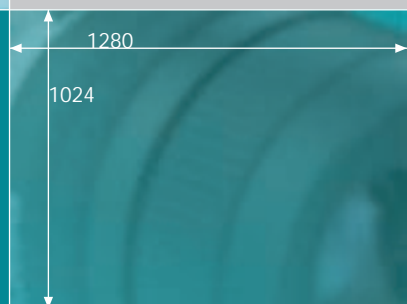




iDS



USB uEye® UI-2240ME-C/M

1,3 Megapixel SXGA Camera with 1/2" CCD Sensor

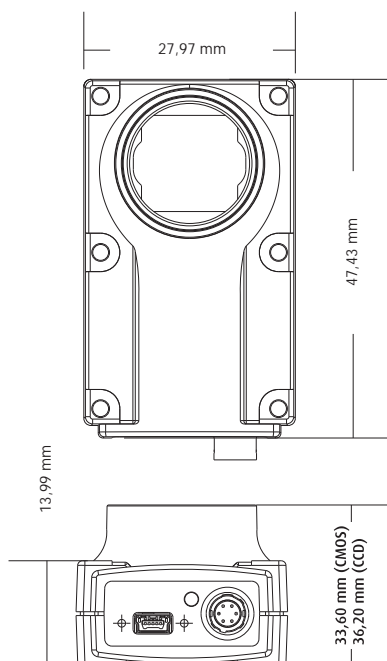
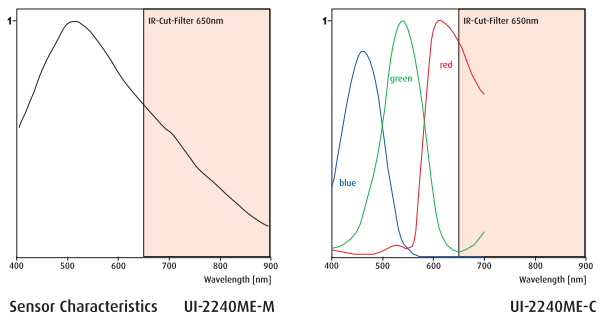
USB uEye® UI-2240ME-C/M



The characteristics at a glance

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.



Dimensions USB uEye ME Models

Interface	USB 2.0
Sensor Technology	CCD (Sony)
Model description (color)	UI-2240ME-C
Model description (Mono)	UI-2240ME-M
Resolution (h x v)	1280 x 1024
Resolution Category / Pixel Class	SXGA / 1,3 MP
Sensor size	1/2"
Shutter	Global
max. fps in Freerun Mode at full resolution	15 fps
max. fps in SW Trigger Mode at 1 ms exposure	17 fps
Exposuretime in Freerun Mode	66 µs - 1,36 s
Exposuretime in Trigger Mode	66 µs - 10 min
AOI Modes	H + V ²
AOI with 320 x 240 Pixels (CIF)	38 fps
Subsampling Modes	V ² (Color)
Subsampling Factors	4x
Binning Modes	V ² (Mono)
Binning Method	V: Summing
Binning Factors	2x, 3x, 4x
Resolution, fps	1280 x 512, 23 fps
Mono: Maximum Gain	13,66x
Color: Maximum Gain RGB/Master	4x /8,9x
Additional Gain Boost with Factor	2x (Mono)
Sensor Model	ICX205
Pixelpitch in µm	4,65
Optical Size	5,95 x 4,76 mm
Aspect Ratio	5:4
Exact Real Diagonal	7,6 mm, 1/2,1"

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 Activision Tools,
Common Vision Blox, HALCON,
LabVIEW and Neurocheck
GenICam™ Interface

Driver for Windows 2000, XP, VISTA
and Linux

² = Use increases frame rate

