

## USB UI-1490ME

The UI-1490ME with USB 2.0 interface features a CMOS sensor from Aptina in 10 Megapixel resolution (3840x2748 pixels). Its right-angle rugged metal housing has a depth of only 22 mm and can be front-mounted via six mounting holes. The digital I/Os for trigger and flash control (opto-coupled, up to 30 V) are interfaced using a lockable Hirose connector.



## Specification

### The characteristics at a glance

Interface	USB
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1490ME-C
Model Description (mono)	UI-1490ME-M
Resolution (h x v)	3840 x 2748
Resolution Depth	8bit (12bit ADC)
Resolution Category / Pixel Class	10 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
max. fps in Freerun Mode	3 fps
Exposure Time in Freerun Mode	
Exposure Time in Trigger Mode	
AOI Modes	horizontal + vertical
Binning Modes	horizontal + vertical
Subsampling Modes	horizontal + vertical
I/O - Strobe	1
I/O - Trigger	1
I/O - RS-232	-
I/O - GPIO	-
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	MT9J003STM / MT9J003STC
Pixelpitch in $\mu\text{m}$	1.67
Optical Size	6.413 x 4.589 mm
Protection Classes	IP30
Dimensions H/W/L	74.60 mm, 44.00 mm, 22.00 mm
Mass	164.00 g
Power Supply	USB

