

## USB UI-1490SE

The UI-1490SE is an ideal all-round camera with USB 2.0 interface and Aptina CMOS sensor in 10 Megapixel resolution (3840x2748 pixels). Both digital I/Os for trigger and flash control are opto-coupled and accept signals with up to 30 V. A variety of cable types with robust, lockable connectors complements the model range. With its compact metal housing and M3 mounting holes the UI-1490SE is ideally suited for use in automation and quality inspection. For OEMs we offer versions without housing and front flange on request.



## Specification

### The characteristics at a glance

Interface	USB
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1490SE-C
Model Description (mono)	UI-1490SE-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	34.00 mm, 32.00 mm, 27.40 mm
Mass	62.00 g
Power Supply	USB

