

## USB UI-1480RE

The UI-1480RE is a USB 2.0 camera with Aptina CMOS sensor in 5 Megapixel resolution (2560x1920 pixels). Its extremely rugged housing meets the IP65 / IP67 protection classes when used together with an optional lens tube. The digital I/Os for trigger and flash control (opto-coupled, up to 30 V) as well as the USB port are interfaced with splash water proof connectors.



## Specification

### The characteristics at a glance

Interface	USB
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1480RE-C
Model Description (mono)	UI-1480RE-M
Resolution (h x v)	2560 x 1920
Resolution Depth	8bit (12bit ADC)
Resolution Category / Pixel Class	5 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
max. fps in Freerun Mode	6 fps
Exposure Time in Freerun Mode	75µs-2745ms
Exposure Time in Trigger Mode	75µs-2745ms
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)	MT9P031STM / MT9P031STC
Pixelpitch in µm	2.20
Optical Size	5.632 x 4.224 mm
Protection Classes	IP65/67
Dimensions H/W/L	41.00 mm, 41.00 mm, 40.50 mm
Mass	145.00 g
Power Supply	USB

