

GigE UI-5490RE

The UI-5490RE is a GigE camera with Aptina CMOS sensor in 10 Megapixel resolution (3840x2760 pixels). Its extremely rugged housing meets the IP65 / IP67 protection classes when used together with an optional lens tube. The connectors for power and digital I/Os (opto-coupled, up to 30 V) as well as the GigE port are also splash water proof.



Specification

The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-5490RE-C
Model Description (mono)	UI-5490RE-M
Resolution (h x v)	3840 x 2760
Resolution Depth	8bit (12bit ADC)
Resolution Category / Pixel Class	10 Megapixel
Sensor Size	1/2"
Shutter	Rolling
max. fps in Freerun Mode	6 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	0
I/O - I2C	-
Sensor Model (m/c)	MT9J003STM / MT9J003STC
Pixelpitch in μm	1,67
Optical Size	6,413 x 4,589 mm
Protection Classes	IP65/67
Dimensions H/W/L	53,00 mm, 41,00 mm, 42,70 mm
Mass	168,00 g
Power Supply	12 V

