

GigE UI-5480RE

The UI-5480RE is a GigE 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 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-5480RE-C
Model Description (mono)	UI-5480RE-M
Resolution (h x v)	2560 x 1920
Resolution Depth	12bit (12bit ADC)
Resolution Category / Pixel Class	5 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
max. fps in Freerun Mode	14 fps
Exposure Time in Freerun Mode	75µs-2745ms
Exposure Time in Trigger Mode	75µs-2745ms
AOI Modes	horizontal + vertical
Binning Modes	---
Subsampling Modes	---
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	53.00 mm, 41.00 mm, 42.70 mm
Mass	168.00 g
Power Supply	12 - 24V

