

GigE UI-5640RE

The UI-5640RE is a GigE camera with Aptina CMOS sensor in 1.3 Megapixel resolution (1280x1024 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-5640RE-C
Model Description (mono)	---
Resolution (h x v)	1280 x 1024
Resolution Depth	10bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/3"
Shutter	Rolling
max. fps in Freerun Mode	25 fps
Exposure Time in Freerun Mode	37µs-10s
Exposure Time in Trigger Mode	37µs-10s
AOI Modes	horizontal + vertical
Binning Modes	---
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)	- / MT9M131STC
Pixelpitch in µm	3.60
Optical Size	4.608 x 3.686 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

