

GigE UI-5490SE

The UI-5490SE is a highly compact GigE camera with Aptina CMOS sensor in 10 Megapixel resolution (3840x2748 pixels). Besides the lockable RJ45 port for GigE, the UI-5490SE comes with a 6-pin Hirose connector for power and digital I/Os (opto-coupled, up to 30 V).



Specification

The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-5490SE-C
Model Description (mono)	UI-5490SE-M
Resolution (h x v)	3840 x 2748
Resolution Depth	12bit (12bit ADC)
Resolution Category / Pixel Class	10 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
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	-
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	MT9J003STM / MT9J003STC
Pixelpitch in μm	1.67
Optical Size	6.413 x 4.589 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 44.00 mm, 43.50 mm
Mass	108.00 g
Power Supply	12 V

