

# IRZ SensVGL-01 Video Camera with Global Shutter



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## Application

IRZ SensVGL-01 video camera with global shutter is a part of vehicles video recording and registration systems, vehicle driver's assistant systems, robotic systems

## Technical characteristics

Parameter	Value
Shutter Type	Global Shutter
Sensor Size (Optical)	2/3"
Sensor Type	CMOS array SONY IMX264, with global shutter, high sensitivity in the near-IR, automatic or customized white balance, exposure setting
Sensor Size	8.4 mm x 7.1 mm
Resolution (Horizontal x Vertical)	2448 px x 2048 px
Resolution	5 MP
Pixel Size (Horizontal x Vertical)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$
Chrominance	Monochrome / Color
Color Depth	10 or 12 bit
Image Resolution	1920x1080 (1080p), 1280x720 (720p) or 2448x2048 (max)
Frame Rate for Color Image	60 fps (720p), 30 fps (1080p), 30 fps (max)
IR Lighting	Optionally
Video Format	Uncompressed Flow (RGB)
Frames Compression	No
HDR Availability	Optionally
C and CS-mount Types Lens Support	Optionally
Frames Transmission to the External Computer by Interface	USB3.0
Supply Voltage	5 V
Average Power Consumption	2.3 W
Resistance to Radio Frequency Electromagnetic Fields	According to GOST P 51317.4.3-99, the 2nd level of test stringency, "C" quality of the operation
Weight	$\leq 190$ g
Overall Dimensions	55x55x55 mm
Impact Resistance	150 m/s <sup>2</sup>
Vibration Resistance	50 m/s <sup>2</sup>
Operating Temperature	-30...+70 °C