

# IRZ SensVRS-01 Video Camera with Rolling Shutter



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## Application

IRZ SensVRS-01 Video camera with rolling shutter is a part of ADAS driver assistance systems that has from 3 to 5 levels of autonomy. Supports robotic systems of various function

## Technical characteristics

| Parameter   | Value  |
|---|--|
| Image Resoution   | 1920x1080 (1080p), 1280x720 (720p)   |
| Frame Rate  | 60 fps (720p), 30 fps (1080p)  |
| Shutter Type  | CMOS array AR0431 ON Seimiconductor with rolling shutter, high sensitivity in the near-IR, supports WDR, automatic or customized white balance, exposure setting |
| 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 | USB 3.0  |
| Supply Voltage  | 5 V  |
| Average Power Consumption                                 | 1.5 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  | ≤190 g   |
| Overall Dimensions  | ≤30x30x30 mm   |
| Impact Resistance   | 150 m/s <sup>2</sup>   |
| Vibration Resistance                                      | 50 m/s <sup>2</sup>  |
| Operating temperature                                     | -30...+70 °C   |