

GigE UI-5220RE

The UI-5220RE is a GigE camera with Aptina CMOS sensor in Wide VGA resolution (752x480 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-5220RE-C |
| Model Description (mono) | UI-5220RE-M |
| Resolution (h x v) | 752 x 480 |
| Resolution Depth | 10bit (10bit ADC) |
| Resolution Category / Pixel Class | Wide VGA |
| Sensor Size | 1/3" |
| Shutter | Global |
| max. fps in Freerun Mode | 100 fps |
| Exposure Time in Freerun Mode | 80µs-5.5s |
| Exposure Time in Trigger Mode | 80µs-5.5s |
| AOI Modes | horizontal + vertical |
| Binning Modes | horizontal + vertical |
| 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) | MT9V032STM / MT9V032STC |
| Pixelpitch in µm | 6.00 |
| Optical Size | 4.512 x 2.880 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 |

