

GigE UI-5220CP

The UI-5220CP is an ultra-compact camera with Aptina CMOS sensor in Wide VGA resolution (752x480 pixels) and a GigE interface. In addition, the UI-5220CP can also be powered using Power-over-GigE (PoE) or an external mains adaptor. Besides the screw-on RJ45 plug for GigE, the UI-5220CP features a 6-pin Hirose connector for optional power supply and digital in-/outputs (optically decoupled up to 30 V).

Available in Q1 2011



Specification

The characteristics at a glance

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|-----------------------------------|------------------------------|
| Interface | GigE |
| Lens Mount | C-Mount |
| Sensor Technology | CMOS (Aptina) |
| Model Description (color) | UI-5220CP-C |
| Model Description (mono) | UI-5220CP-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 | IP30 |
| Dimensions H/W/L | 29.00 mm, 29.00 mm, 41.00 mm |
| Mass | 55.00 g |
| Power Supply | PoE + ext. 12 - 24 V |

