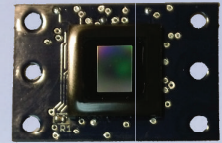


AGS-720p Global Shutter 720p HD Micro Camera

Tiny and High Performance CMOS Global Shutter 720p camera



Features

- 1280x960 max resolution at 54fps
- 720p30 / 720p60 / 960p54 video
- Very compact variable length FFC interface
- HiSPI / Parallel interface
- Optional YPbPr adapter board
- Standard lens mount: M12

Advantages

- Global shutter for sharp HD video
- Incredibly compact:
15.5 x 22.5mm (0.61 x 0.89")
- Light weight - 1.20 grams for the bare sensor board with image sensor.

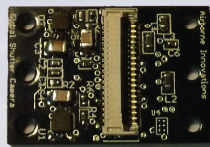
Specifications

- Resolution: 1280x960 (1.2 Mp)
- Aptina AR0134 Sensor
- Optical format: 1/3" (6mm)
- Pixel size 3.75 μ m
- Color Bayer / Monochrome
- Dynamic Range 64 dB
- SNRmax 38 dB
- Responsivity 6.1V/lux-sec (mono)
or 5.3V/lux-sec (color)
- Power consumption <400mW
- Operating temp -30C to +70C

Airborne Innovations is proud to introduce our tiny CMOS global shutter 720p camera. Available with a parallel CMOS interface or HiSPI. This camera enables high quality imaging from very compact camera gimbals.

This camera puts an end to wobbly rolling shutter artifacts. All the pixels are exposed simultaneously for a sharp image. The camera has greater than 720p resolution, which can be used at full resolution for 960p HD video, or as a windowed 720p60 sensor which can allow for stabilization.

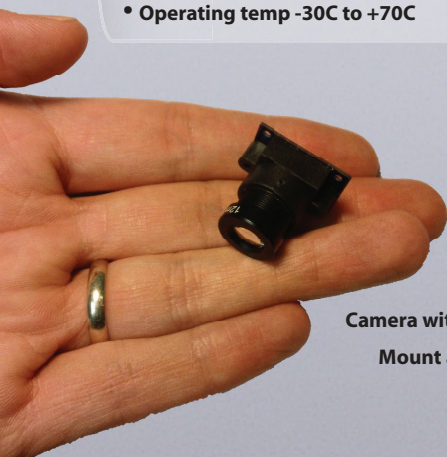
The camera is available with an M12 lens mount or as a bare imager board for OEM integration.



Very compact flat flex cable interface



Plug and Play with the MicroraptorHD
HD + command and control video link



Camera with M12 Lens
Mount and lens