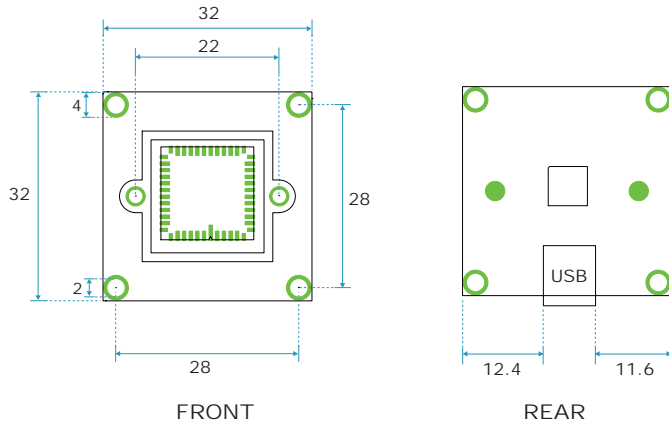


Feature

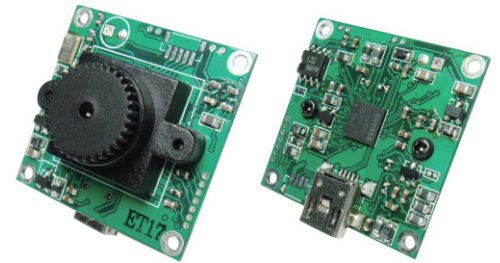
- Vertical Variopixel* (Binning)1:2,1:3
- Vertical Skip 1:2,1:3,1:4,1:8
- 50/60Hz Light Auto Detection
- High Frame Rate Output Mode
- Image Vertical Flip/horizontal Mirror
- Detect Pixel Correction
- Internal/external Frame Synchronization
- Serial Bus Interface



Unit : mm (±0.5)

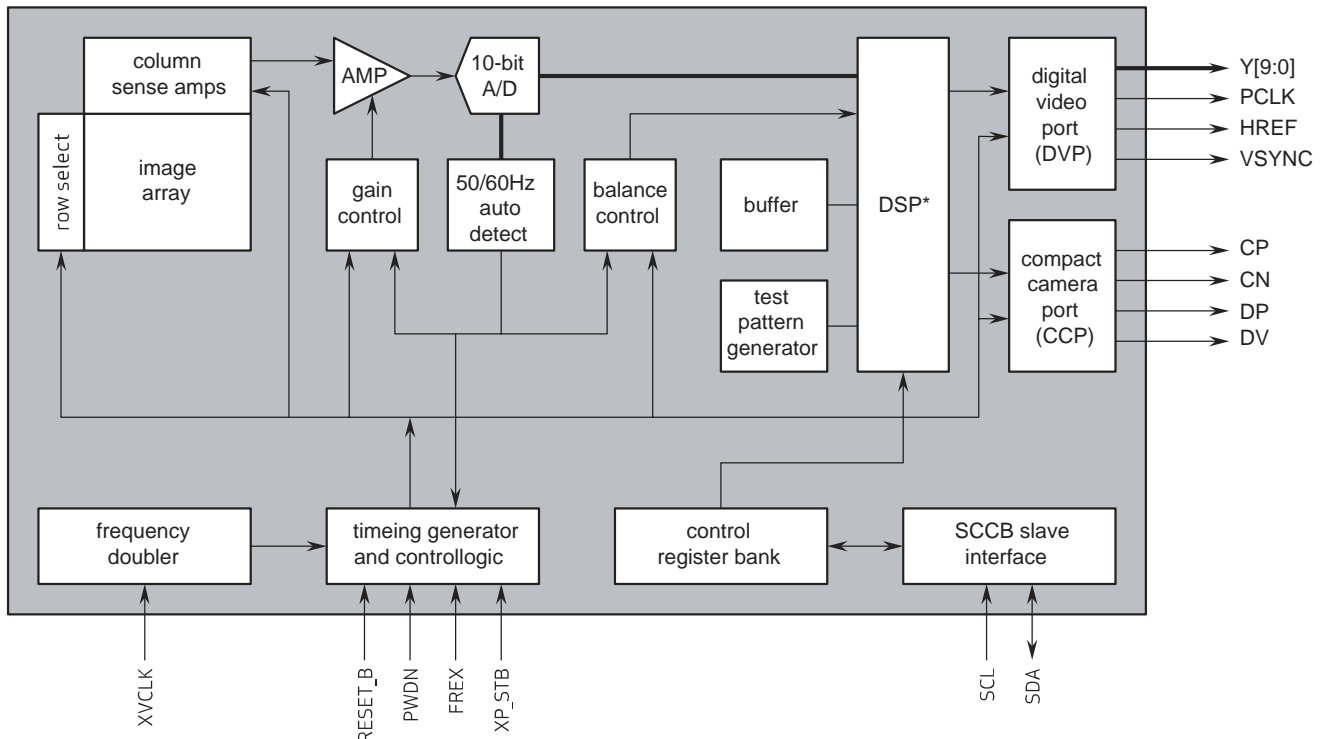
Specification

Model	MD-B5032
Array size	2592 x 1944
power supply (USB)	DC 5V
output format	10-bit digital RGB Raw data
lens size	1/2.5"
maximum system clock	48MHz
Max image transfer rate	full : 2592 x 1944 (7.5 fps)
pixel size	2.2 μm x 2.2 μm



MD-B5032

Block Diagram



- optical black level calibration
- video or snapshot operations
- programmable/auto exposure and gain control
- programmable/auto white balance control
- programmable image windowing
- variable frame rate control
- on-chip luminance average counter
- horizontal variopixel* (binning)1:2,1:3,1:4,1:6