

OK_AM1101 progressive monochrome camera



Features

- 1/3 inch black and white area array CCD
- Effective pixel output 640 × 480
- Partial lines of output, the maximum frame rate of up to 1000f/s,
- No frame buffer body
- Can trigger acquisition at any time
- Exposure time control, contrast, brightness adjustable
- Can match the card type: OK_M10B, M10K

Specifications

Frame rate range (Hz)	20~100
Pixel Clock Range (MHz)	10 ~ 40
CCD sensor	1 / 3 "
CCD size (mm)	5.79 × 4.89
Pixel size (μm)	7.4 × 7.4
The total pixel	659 × 494
The number of effective video pixels	640 × 480
Total number of rows in a frame	510
Sensitivity (lux)	0.05
SNR (dB)	<58
Maximum exposure time	External trigger mode, 5.1 seconds
Gamma Correction	0.45 ~ 1.0
External trigger input	TTL

Application Fields

OK_AM1101 can be used in:

- Scientific research
- Medical imaging (such as black and white B ultrasound)
- Industrial inspection

