

OK_AM1300 monochrome high resolution progressive camera



Features

- 1 / 2 inch black and white area array CCD
- Effective pixel output 1300 × 1024
- progressive analog video output; full-window output
- The maximum frame rate of up to 200f / s
- Exposure time control, contrast, brightness adjustable; support from the synchronous mode
- Can match the card type: OK_M10B, M10K

Specifications

Frame rate range (Hz)	8 to 24
Pixel Clock Range (MHz)	14 ~ 40
CCD sensor	1 / 2 "
CCD size (mm)	7.6 × 6.2
Pixel size (μm)	4.65 × 4.65
The total pixel	1392 × 1040
The number of effective video pixels	1300 × 1024
Total number of rows in a frame	1060
Sensitivity (lux)	0.10
SNR (dB)	≥ 56
Maximum exposure time	External trigger mode, 7.9 seconds
Gamma Correction	0.45 ~ 1.0
External trigger input	TTL
Operating temperature	-5 °C ~ +45 °C
Humidity	20-80%
Preservation of the environment	-25 °C ~ 60 °C / 20% ~ 90%
Operating System	Windows series
Lens Mount	"C / CS" Installation
Size	61mm × 61mm × 45.7mm
Power	+12 V

Application Fields

OK_AM1300 can be high-quality, high-resolution image acquisition for:

- scientific research
- medical imaging (such as black and white B-)
- industrial inspection, security, education and other fields

