

OK_AC1300A High resolution RGB Analog Camera



Features

- 1 / 2 inch RGB color progressive area array scan CCD
- Maximum resolution 1300×1024
- Via RS232C serial interface to control the scanning function, exposure time, frame rate, black level, gain, Gamma correction etc.
- Bright vivid colors
- Analog Video output 1.0Vpp, 75Ω
- Direct connection to the monitor display

Specifications

Frame rate range (Hz)	5
Pixel Clock (MHz)	18
CCD sensor	1 / 2 inch
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)	1.0
SNR (dB)	≥ 50
Maximum exposure time	External trigger mode,3 seconds
Gamma Correction	0.45 ~ 1.0
External trigger input	TTL
Operating temperature	-5 °C~ +45°C
Output interface	Analog
Humidity	20-80%
Preservation of the environment	-25 °C ~ 60 °C / 20% ~ 90%
Operating System	Windows series
Lens Mount	C/CS-mount
Housing size	61mm × 61mm × 45.7mm
Power	+12 V



Application Fields

OK_AC1300A can be widely used in high precision and high resolution image acquisition and processing area, such as:

- Stereo vision
- Medical imaging equipment (such as ECT, standard and non-standard color ultrasound, etc.).