

OK_AC1310 USB high-resolution progressive scan color camera



Features

- 1 / 2 color plane array CCD
- Effective pixel output 1300 × 1024
- Progressive video output
- A partial acquisition mode
- Can trigger acquisition at any time
- Support from the synchronous mode
- USB2.0 control functions by the exposure time, gain, Gamma correction

Specifications

Frame rate range (Hz)	12
Pixel clock range (MHz)	24
CCD sensor	1 / 2
CCD size (mm)	7.6 × 6.2
Pixel size (μm)	4.65 × 4.65
Total pixel	1392 × 1040
Number of effective video pixels	1300 × 1024
The number of lines in a frame	1060
Sensitivity (lux)	1.0
SNR (dB)	≥ 50
Maximum exposure time	External trigger mode, 7.9 seconds
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" Installation
Size	61mm × 61mm × 45.7mm

Application Fields

OK_AC1310 is used for:

- industrial inspection
- microscopy image analysis
- fingerprint / palmprint identification
- component testing
- scientific research
- road monitoring and other areas

