

OK_SC3010 USB high-resolution CMOS progressive scan color camera



Features

- 1 / 2 inch color area-scan CMOS
- maximum resolution 2048 × 1536, progressive video output
- 10Bit raw Bayer output format for the data
- continuous scan and optional external trigger
- programmable exposure time control , format size, black level, gain, saturation
- signal to noise ratio greater than 54dB
- bright vivid colors.

Specifications

Scanning	Progressive scan support external sync mode	
Frame rate	6fps ~ 2048 × 1536	10fps ~ 1600 × 1200
	15fps ~ 1280 × 1024	30fps ~ 640 × 480
Sensor	1 / 2 " cmos	
The total number of pixels	3000000	
Maximum resolution	2048 × 1536	
Output format	10 bit raw Bayer data	
Definition	900 lines	
Dynamic Range	61dB	
Programmable control	Exposure time, format size, black level, gain, saturation, etc.	
Sensitivity (lux)	1.0V/Lux-sec	
SNR (dB)	≥ 43	
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 × 33.2mm	



Application Fields

OK_SC1310 is used for:

- industrial inspection
- microscopic image analysis and processing
- road monitoring
- machine vision and other fields