

OK_AM1310 USB high-resolution progressive scan monochrome camera



Features

- 1 / 2 black and white area array CCD
- effective pixel output 1280 × 1024
- progressive video output
- Full-window output, optional 8-24Hz frame rate
- partial lines of output, the maximum frame rate of up to 230f / s
- 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	1396 × 1040
Number of effective video pixels	1280 × 1024
The number of lines in a frame	1060
Sensitivity (lux)	0.20
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_AM1310 is used for:
 industrial inspection, microscopy image analysis, fingerprint / palmprint identification, component testing, scientific research, road monitoring and other areas.