

OK_SC2300A High Resolution Area Camera

Description

The SC2300A uses 1/1.8-inch color area array CMOS with a maximum resolution of 2048×1536.



- ✓ VGA 60Hz video output, which can be directly connected to the display.
- ✓ The image can be captured and saved at any time, and can be displayed in half screen.
- ✓ External trigger input and flash control output;
- ✓ Support for external synchronization output.

Main Parameters

Sensor Size	1/1.8 inch Color progressive
Pixel Size	3.45μm
Frame rate	60Hz
Video Out	VGA
Output Resolution	1280×1024、1600×1200、1920×1080
Minimum Exposure Time	91us
Exposure Accuracy	One line
Gain	Analog 0dB-24dB , Digital 24.1dB-48dB
External Trigger	TTL
External Trigger Output	Pulse polarity, width, delay adjustable
Gamma	0.45~1
Working Environment	-5°C~45°C/20%~80%(humidity)
Save Environment	-25°C~60°C/ 20%~90%
Operating System	Windows series
Lens Mount	"C/CS"
Dimension	61mm×61mm×43mm
Power Supply	12V DC
Power Consumption	~3.96



Software Support

Platform: Provide drivers, development libraries and demonstration programs.

Secondary development: Support for development languages such as VC, VB, Delphi, C++ Builder, LABVIEW, MATLAB, etc.

Application

OK_SC2300A can capture high-quality and high-definition color images, and is suitable for printing detection, industrial detection, stereo vision and other fields.