

OK_AM1101A Progressive Monochrome Camera



Features

- 1/3 inch black and white area array CCD
- Effective pixel output 640 × 480
- Partial lines of output, the maximum frame rate of up to 1000f/s,
- No frame buffer body
- Can trigger acquisition at any time
- Exposure time control, contrast, brightness adjustable
- Can match the card type: OK_M10B, M10K

Specifications

Output	NTSC	
Frame Rate	30	
Pixel Clock Range (MHz)	12.285	
CCD Sensor	1 / 3 "	
CCD Size (mm)	5.79 × 4.89	
Pixel Size (μm)	7.4 × 7.4	
The total pixel	659 × 494	
The number of effective video pixels	640 × 480	
Total number of rows in a frame	510	
Sensitivity (lux)	0.05	
SNR (dB)	≥58	
Maximum exposure time(s)	4.2	
Minimum exposure time(s)	1/31000	
Gamma Correction	0.45 ~ 1.0	
External trigger input	TTL	
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"	
Power Supply	12V DC	
Power Consumption	~1.92	
Dimension	60mm×60mm×50mm	
Weight	221g	

Application Fields

OK_AM1101A can be used in:

- Scientific research
- Medical imaging (such as black and white B ultrasound)
- Industrial inspection