

BG0691 1/2.7inch 960H M CCD Sensor for PAL Color Video Cameras

Features

- CCD compatible control interface.
- 960H high resolution.
- High sensitivity and high dynamic range pixel
- CMYG color filter array
- Build-in AD converter.
- Superior low light performance.
- Enhanced NIR performance.
- Auto analog black level calibration.
- On-chip row noise removal.
- 2-wire serial control interface.
- Easy connection with security DSP chip for conventional CCD camera.

Key Parameter

Table 2 Key Specification

Parameter		Typical Value
Optical format		1/2.7 inch
Active pixel array		960H x 582V
Pixel size		5.5 μm (H) x 6.9 μm (V)
Active pixel array Area		5280 μm x 4016 μm
Frame rate		50fps@PAL
Color filter array		Complementary Bayer
Shutter Type		Electronic Rolling
SNR _{max}		45dB
Dynamic range		64dB
Output		10-bit
Power supply	Digital	1.5 v
	IO	3.0V ~3.45V
	Analog	3.15V ~3.45V
Power Consumption		280mW@PAL
Package Option		48 pin CLCC