

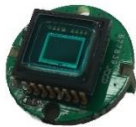
SD CCD Endoscopic Camera System

Features

- ★1/3" CCD image sensor, high sensitivity and low noise.
- ★FPGA image processing algorithm, realize noise reduction, sharpening, amplification and other functions with ultra-low latency.
- ★High reliability, the latest isolation technology of power and signal, all interfaces with ESD protection.
- ★CCD dead pixel elimination and CCD parameter save.
- ★Handle button for quick screenshot and "Menu" button on front panel for function operation.

Specification

➤Camera



Model	OK_MC102
Image Sensor	1/3"
Resolution	752 x 582
Frame Rate	25f/s
Exposure	Global
Button Function	Freeze, white balance etc.
Dimension	23 x 23 x 23 (mm)

➤Recording Board (Optional)



Model	SD130
Video Saving	Resolution: 720×576, Format: H.264, Code Rate: 4Mbps
Image Saving	Resolution: 720×576, Format: BMP
Interface	Input: CVBS, Memory: USB
USB Drive	U disk, Mobile hard disk, FAT32
Dimension	130×130×19(mm)
Power	12V, 1A

➤ **CCU Image Processing Board**



Model	OK_ES102
Output	CVBS (768 x 576) ×2 , S-VIDEO (768 x 576)
	RGB (768 x 576) , DVI (1280 x 1024)
Image Processing	Noise reduction, color rendition, edge enhancement, brightness adjustment, image magnification, dead pixel elimination
Light Source	Multiple modes for light sources of LED , Xenon Lamp etc.
White Balance	One button for automatic white balance
Photometry	2 types - Average/Peak, optional region
Parameter Adjustment	Brightness, R/G/B Saturation, Sharpness, Max. Gain, Gamma, Magnification, Mirror
Panel Button	Menu, White Balance, Freeze, Save etc.
Image Saving	Resolution: 768 x 576, Format: BMP, Quality: Non-destructive, Memory: SD card
Menu Language	Chinese, English, Russian, Spanish, Arabic, Korean, French, German
Special Function	Compatible with multiple CCD sensors (1/10" & 1/6") for video scope
Dimension	228×130×35(mm)
Power	12V DC, 2A