

Full HD Endoscopic Camera System

Features

- ★ Full HD resolution **1920 x 1080 P@60Hz**.
- ★ True color, multiple color modes for light sources.
- ★ FPGA image processing algorithm, realize noise reduction, sharpening, amplification and other functions with ultra-low latency.
- ★ Low power consumption for handle, simple connection, digital transmission without interference, good uniformity.
- ★ Flexible photometry algorithm for complex surgical scene.

Specifications

➤ Camera



Model	OK_MC301	OK_MC302	OK_MC303
Image Sensor	1/2.8" CMOS	1/1.8" CMOS	1/2" CMOS
Resolution	1920 x 1080		
Frame Rate	60f/s		
Exposure	Rolling	Global	Rolling
Button Function	Freeze, white balance etc.		
Dimension	26 x 26 x 26 (mm)		

➤ Recording Board(Optional)



Model	OK_HD130
Video Saving	Resolution: 1920 x 1080, Format: TS Code Rate: 19Mbps
Image Saving	Resolution: 1920 x 1080, Format: JPG
Interface	Input: HDMI, Output: HDMI Memory: USB, Network port
Storage Medium	U disk, Mobile hard disk
Dimension	126×61×19(mm)
Power	12V, 1A

➤ **CCU Image Processing Board**



Model	OK_EH301	OK_EH302
Output	HDMI (1080 P@60Hz) × 2	HDMI (1080 P@60Hz) , DVI (1080 P@60Hz)
	SDI (1080 P@60Hz) × 2	SDI (1080 I@60Hz) , CVBS (720 x 576)
Image Processing	Noise reduction, color rendition, edge enhancement, contrast adjustment, image magnification, dead pixel elimination, vascular enhancement, eliminate the grid	
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, Double digital zoom, Mirror	
Panel Button	Menu, White Balance, Freeze, Save etc.	
Image Saving	Resolution: 1920 x 1080, Format: BMP, Quality: Non-destructive, Memory: SD card	
Menu Language	Chinese, English	
Dimension	145×125×19(mm)	
Power	12V, 2A	