

Full HD 3CCD Endoscopic Camera System

Features

- ★ **1920 x 1080 3CCD** image sensor.
- ★ Outstanding color reducibility.
- ★ High resolution, high sensitivity.
- ★ FPGA image processing algorithm, realize noise reduction, sharpening, amplification and other functions with ultra-low latency.
- ★ Flexible photometry algorithm for complex surgical scene.

Specification

CCU Image Processing Board



Model	OK_HD380
Output	DVI (1080P@60Hz) x 2, SDI (1080I@60Hz) , CVBS (768 x 576)
	SVIDEO (768 x 576) , RGB (1080I@60Hz)
Image Processing	Noise reduction, color rendition, edge enhancement, contrast adjustment, reversion
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, Color Modes
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	Front board: 130×105×30(mm) Back board: 200×130×30(mm)
Power	Voltage: 15V, -9V, 6V, 3.3V; Consumption: 20W