

## Super HD 4K Endoscopic Camera System

### Features

- ★Super HD 4K Resolution: **3840 x 2160P@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.

### Specification

#### ➤ Camera

Model	OK_MC401	OK_MC402	OK_MC401-60	OK_MC402-60
Image Sensor	1/1.9" CMOS	1/1.8" CMOS	1/1.9" CMOS	1/1.8" CMOS
Resolution	3840 x 2160		3840 x 2160	
Frame Rate	30F/s		60F/s	
Button Function	Freeze, white balance etc.			
Dimension	33 x 26 x 26 (mm)			

#### ➤ CCU Image Processing Board

Model	OK_EU401
Output	HDMI2.0 (3840 x 2160P@60Hz) , HDMI (1080P@60Hz)
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, Magnification, Mirror
Panel Button	Menu, White Balance, Freeze, Save etc.
Image Saving	Resolution: 3840 x 2160, Format: BMP, Quality: Non-destructive, Memory: SD card
Menu Language	Chinese, English
Dimension	168×155×19(mm)
Power	12V, 2A