

## Light source module

### Performance

- 785nm Fluorescence Light, service life of 20,000h
- High color rendering index
- Low consumption LED light source
- Service life of 30,000h
- Provides stable light source continuously
- Supports touch screen operation and CCU linkage

### Specifications

#### Photo/recording storage

AC 220V, 50Hz

#### Operating environment

Operating temperature 5℃-40℃  
Operating humidity ≤80% (non-condensing)

#### Dimensions (L×W×H)

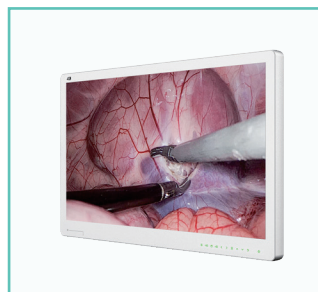
338 mm×345 mm×130 mm

#### Weight

About 7.3 kg



## Accessories



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This material (January 2023 promotional version) is for product information and professional communication only.  
This material is regularly updated, and if specifications, performance and design are changed, please refer to the latest product.  
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The above embodied data are from the Hikimaging lab, please refer to the actual.



Hikimaging Official Website

**HIKIMAGING**


# 4K Fluorescence Camera System

- 4K full chain imaging system, over 1800 TV-lines, with Auto-Focus function.
- Dual-sensor for imaging in both visible and infrared spectrum, providing various ICG color mode.
- Excellent image processing functions for various operation applications.



# Fluorescence 4K VF/AF Camera


## MIK5-C582



- Variable focal length module inside, F12-32mm optical zoom
- Click to switch between long shot to closeup
- Backside illuminated cmos sensor, 30% SNR boost over last generation.
- 4K resolution of 3840 x 2160 pixels.
- IPX8 protection, supports immersion disinfection and ethylene/plasma sterilization.
- Dual-sensor fluorescence technology.
- Adaptive auto-exposure keeps image bright and stable.
- Optional autofocus camera, snap focus within 0.5 second.

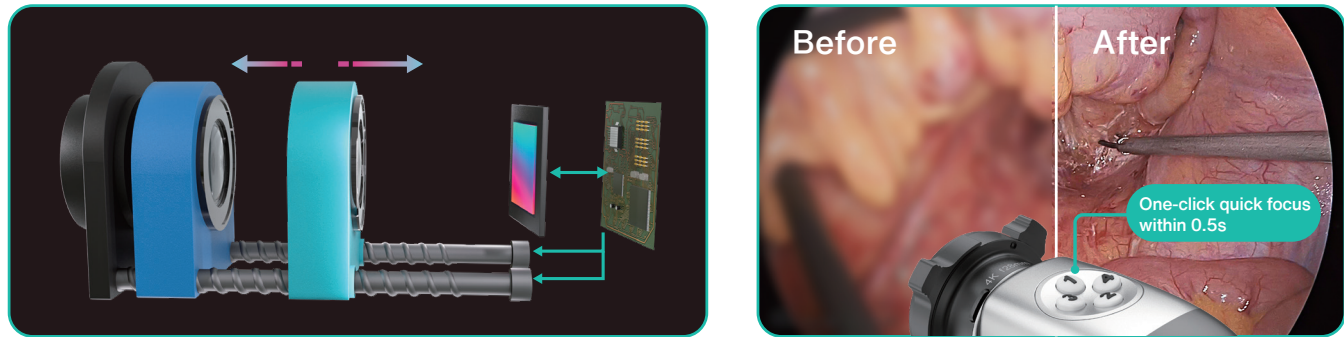
# Fluorescence 4K CCU

## MIK5-P58X

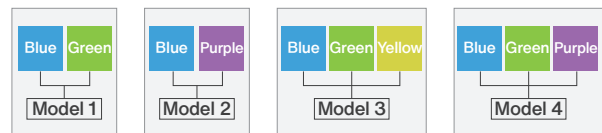
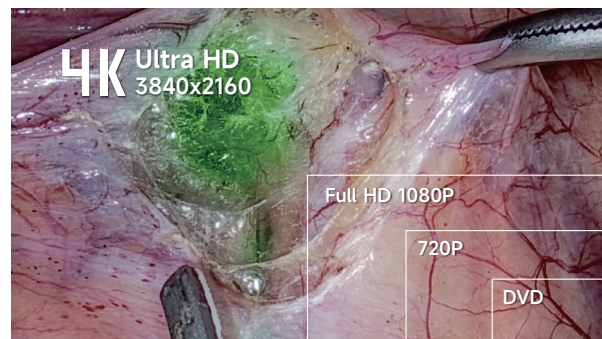


- Color management for precise color reproduction on various monitors.
- 4 modes (fusion mode, grayscale mode, 4K white light mode, high-definition fluorescent mode).
- Gradient fluorescence color present accurate ICG concentration.
- Supports protocol controlling light source, insufflator, etc.
- ISP5.0 advanced image function for various surgical application.
- Real-time autofocus algorithm.

### Variable Focal Length ——— Auto-Focus



### 4K ———



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Performance   Technical Data		
	C582	C582VF
Lens Function	Auto Focus	Variable Focal Length & Auto Focus
Lens Focal Length	28mm	14-32mm
Dimensions	131x50x45mm	143x53x52mm
Fluorecence Optics	Prisms dual-sensor	
Sensor Resolution	Visible : 3840x2160, 50/60p Infrared : 1920x1080, 50/60p	
Image Sensor	1/2.8" CMOS	
Aspect Ratio	16:9	
Scanning mode	Progressive	
TV resolution	> 1800 lines	
SNR	50dB	
Weight	Gain: OFF, Gamma: Standard, DNR: High 263g or less (without cable)	
Camera Cable	2.9m	
Operating Temperature	5°C to 40°C	
Operating Humidity	< 90%	
Degree of protection	IPX8	

### Functions ———

#### ISP 5.0 : Advanced Image Processing

- ICG Dyeing
  - Positive and Negative mode
- Detail Filter
  - De-Dark
- De-Highlight
  - Defog

Performance   Technical Data			
Video Output	4K : HDMI2.0, DP, 12G-SDI or 4x3G-SDI x4 HD : 3G-SDI, DVI	Operating Temperature	5°C to 40°C
		Operating Humidity	< 90%
Video Input	HD : 3G-SDI, DVI	Supply voltage	100-240V ~ 50/60Hz
		Power Consumption	80W or less
Other Interface	Remote IN : Foot Switch, RS-232 Remote OUT: CAN Interface : 3xUSB	Degree of protection	CCU: IP21
		Control Panel	On-off, menu white balance photo video
		Scene File	10 user-configurable scene files
Work condition	Temperature: 5°C-40°C Humidity: ≤80%(Non-condensation) Air pressure: 760 hPa~1060 hPa	Recording	Image format : JPG/BMP 3840x2160 Video format : 3840x2160, 30fps, or 1920x1080, 60Hz Mpeg-4(H.264 Codec)
			Interface: USB (Type-A)"
Storage & transportation condition	Temperature: -20°C-55°C Humidity: 20% - 80% (non-condensation) Air pressure: 700 hPa~1060 hPa	Image Functions	White Balance, Gain, Brightness, Hue, Chroma, Contrast, etc.

### Customization ———

- Customizable Industrial Design
- Brand Logo and Boot Logo
- Your own UI on 5" or 8" touch screen
- Component sets Shipping available

