

Light source module



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

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

Accessories



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This material (September 2024 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.
Effect pictures and images are only schematic, please refer to the actual.
The above embodied data are from the Hikimaging lab, please refer to the actual.



Hikimaging Official Website

HIKIMAGING

4K Fluorescence Camera System Solutions

- 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, F14-32mm 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.

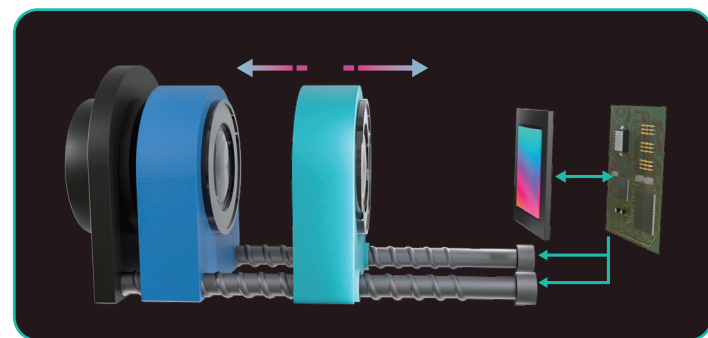
Fluorescence 4K CCU

MIK5-P58X

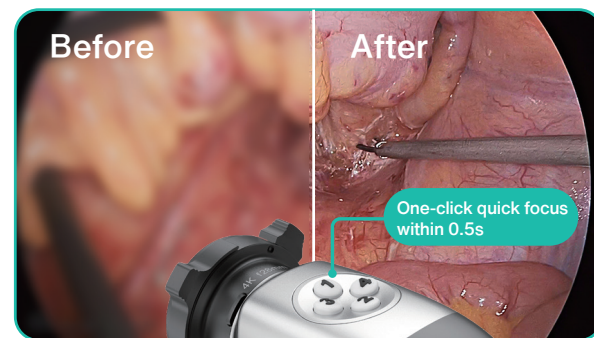


- Color management for precise color reproduction on various monitors.
- 4 modes (fusion mode, grayscale mode, 4K white light mode, high-definition fluorescent mode).
- Gradient fluorescence color present accurate ICG concentration.
- Supports protocol controlling light source, insufflator, etc.
- ISP5.0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

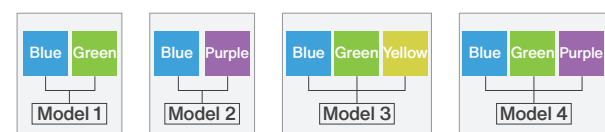
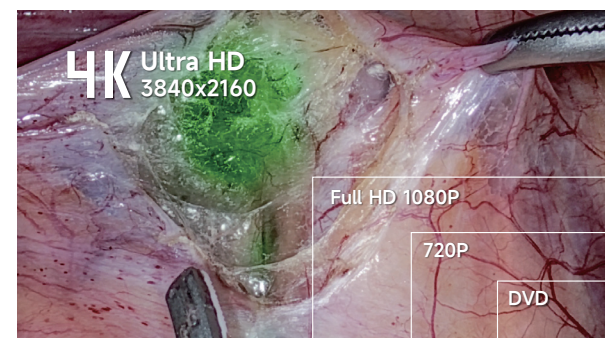
Variable Focal Length



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

