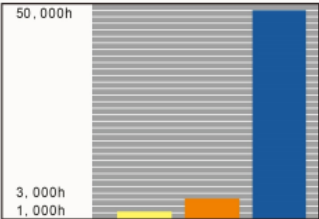
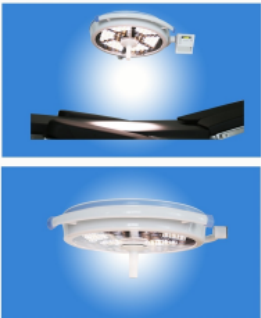


# Surgical lamp 700 Led

## 700/700LED

Optional color temperature, there are three color temperature section, respectively is 3800 k, 4400 k, 5000 k. color temperature can be adjusted. First, the color temperature adjustable benefits is to reduce the doctor eyes visual fatigue. Second, according to the different color of skin, choose the right color temperature.



Long service life:  
Halogen generally is 1000 hours, the LED is the (Osram) more than 50000 hours.

## Main Technical Data

700/700LED	Adjust Color Temperature
Illuminance	160,000Lux 160,000Lux
Colour temperature	3800±500K 4400±500K 5000±500K
Colour reduction index(Ra)	95
Illuminance depth	≥1300mm
Total irradiance	544W / m² 544W / m²
Size of light field	250-300 mm
Service life of illuminant	50,000h
Power supply voltage	AC110-240V 50/60Hz
Lowest height of installation	2900mm
Total power consumptio	160W
Total LED bulb quantity	216 pcs (18*6+18*6)



## ❑ 10x optical Sony FCB-CV7100-SDI camera

High quality, high resolution, compact and lightweight color camera

The FCB-CV7100 features a 1 / 2.8-inch Exmor CMOS image sensor to ensure high-definition (1080 / 60p) image performance with a 10x optical zoom lens for superior zoom performance. The camera inherits the many features of Sony's world-renowned FCB family of cameras, including Wide-D wide dynamic range, automatic infrared cut filter removal, and spherical privacy mask. These useful features are suitable for a wide variety of applications and meet your requirements.

- ❑ Full HD 1080/60p image
- ❑ The image sensor has about 23800 pixels.

### ❑ 10x optical zoom

- ❑ Provide F1.8 to F3.4 aperture.
- ❑ Lightweight, compact design
- ❑ The camcorder weighs 210 g (7.4 oz) and measures 45.6 x 48.8 x 78 mm (1 13/16 x 1 15/16 x 3 1/8 inch).
- ❑ Video signal output format: 3G/HD-SDI
- ❑ Users can choose from a variety of high definition (digital and analog) and standard definition video signal output, eliminating the need for additional analog / digital converter, thus reducing the cost and complexity. The video output mode can be changed in real time during normal operation without restarting the camcorder's hardware.

Extensive features ensure versatile operation

Extensive functions and adjustments ensure versatile operation, including: white balance mode; image effects (vertical flip, negative, black and white, mirror, color enhancement); motion detection / alarm; freeze frame; temperature reading; Electronic Shutter / Slow Shutter; Title Display / Camera Mode Display (English).



**FCB-EV7100 索尼10 倍光学1080P全高清彩色摄像机**

## Camera Specifications:

Model	FCB-CV7100/EV7100
Image Sensor	1/2.8inch type Exmor CMOS
Effective Pixels	2380000
optical zoom	10 times
Digital zoom	12 times
Lens focal length	f=3.8mm(wide)to38mm(tele)
Aperture F value	F1.8 to F3.4

Horizontal perspective	67° (wide end) ---7.6° (tele end)
Minimum imaging distance	10mm (wide end) ---800mm(tele end )
System synchronization	Internal synchronization
Minimum illumination (color)	Standard mode: 1.4Lx (1/30sec 50% High sensitivity mode off) High sensitivity mode: 0.35Lx (1/30sec 50% High sensitivity mode on)
Minimum illumination (black and white)	Standard mode: 0.05Lx (1/30sec 50% High sensitivity mode off) High sensitivity mode: 0.013 (1/30sec 50% High sensitivity mode on)
Optimal imaging illuminance	100Lx—10000Lx
Signal to noise ratio	>50dB
BLC	ON/OFF
Shutter speed	1/1sec to 1/10000sec (22steps)
White balance mode	Automatic / manual / ATW / indoor / outdoor / one-touch / outdoor automatic / sodium lamp mode
Gain control	Automatic/manual (0-28 files)
Image noise reduction	On / Off (5-1 level OFF a total of 6 files)
Through the fog pattern	On / Off
Color enhancement mode	On / Off
Aperture control	16 steps
Lens preset position	16 pcs
Control protocol	VISCA ( control CMOS 5V)
Control baud rate	9.6kbps 19.2kbps 38.4kbps 115.2kbps stop bit 1 bit
Signal format (HD)	1080P60/50 1080i60/50 720p60/50 720p30/25
Signal format (SD)	NTSC/PAL
Video output (HD)	Analog component: Y/Pb/pr digital: LVDS
Video output (SD)	Analog video output VBS
Storage temperature/humidity	temperature: -20°C--+60°C humidity: 20%--95%
Working temperature/humidity	temperature: -5°C--+60°C humidity: 20%--80%
Power requirements	DC 6V—DC 12V
Power consumption	3.4-3.7W (Motor activation maximum power 3.7W)
product weight	210g
Size (w/h/d)	45.6* 48.8*78.0mm

