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panalex  
LED OPERATING LIGHT





Full HD Digital Camera System



1080p---Full HD Camera System

The highest standard in medical field  
1920\*1080 full HD resolution  
16:9 digital image display  
Top level digital camera with best quality

HD Camera Specifications

Image Sensor	1/2.5" CMOS
HD Digital Pixel(Resolution)	> 2 million pixels(1920×1080)
Aspect Ratio	16 : 9
Video Recording	1080
Lens	10×optical zoom & 16×digital zoom F=1.8-2.5(f=6.3-63mm)
Minimum Luminance	Colour 2.0 Lux, BlackWhite 0.1 Lux
White Balance	Indoor/fluorescent light/halogen light/LED light model, signal can be adjusted
Minimum Object Distance	800mm
Signal/ Noise Ratio	> 50dB
Output Connection	1.HD SDI 2.HDMI

- The light can satisfy different light spot requirements through its special optical software design.
- The unique spectral optical filter ensures the excellent color restoration.
- The energy-saving LED element with lowest heat emission features and cool light characteristic ensures the low surgical field temperature rise.
- With over 60,000 hours effective working life, PANALEX can extremely save the hospital's maintenance cost.





- Using the medical class LED which is imported from the top lighting expert, German Osram Company.
- The detachable handle made of special material can be sterilized in 135 °C autoclave more than 3000 times.

#### PANALEX DVR

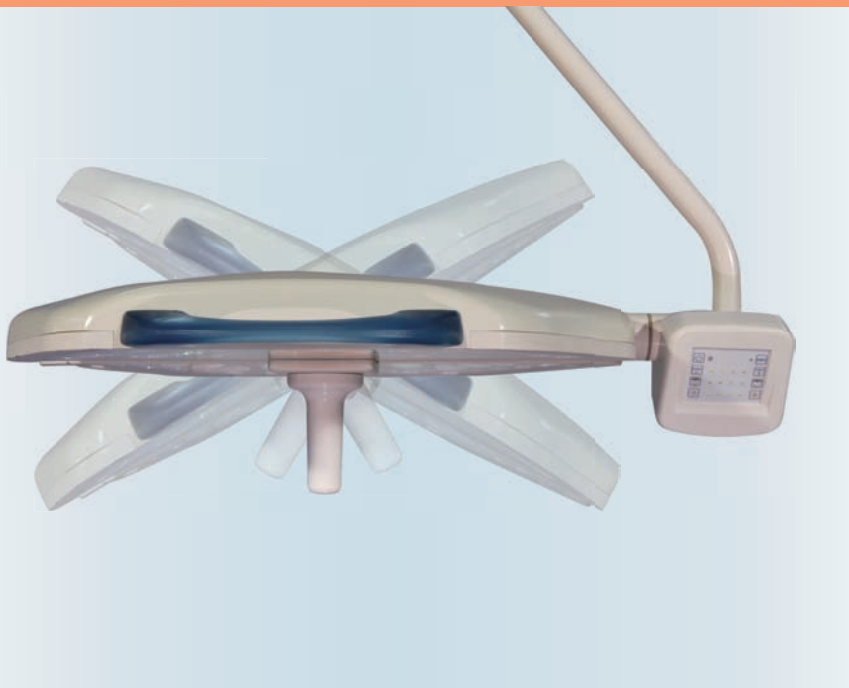
##### Digital Video Recorder

The system can control HD camera, indoor panoramic camera; The video information can be recorded, stored and broadcast to achieve remote live broadcasting and teaching. The storage capacity is 1000G.



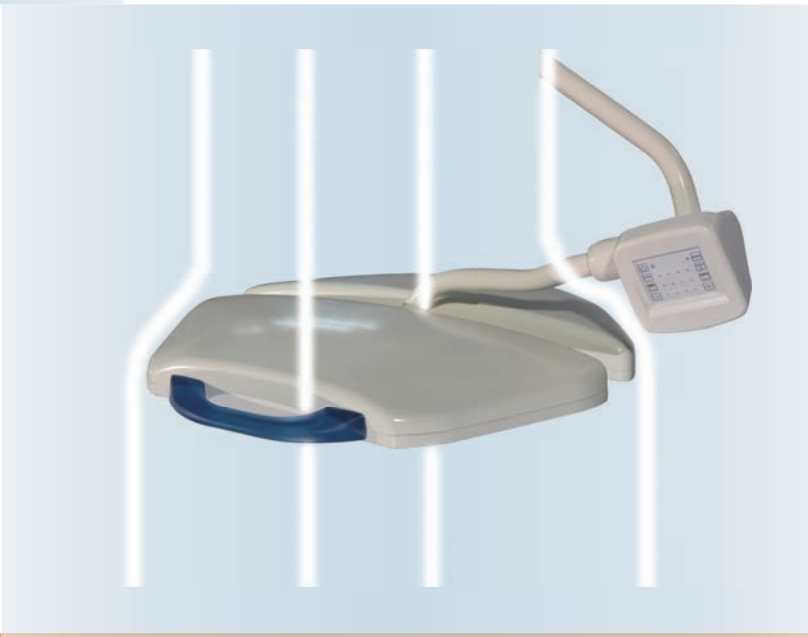
- The excellent lighting depth and shadowless effect makes the operations under different lighting depth more convenient.





■ With 360°rotation and light arm, PANALEX ensures the light to be moved easily and freely.

■ PANALEX is easy for cleaning and can save more space through its streamline and ultrathin apperance design.



Technical Data	PANALEX
Central Illuminance (Lux)	160,000
Color Rendering Index(Ra)	>98
Color Temperature(K)	A:4500 B:3500 4000 4500 5000(Optional)
Focusable Light-field Size(mm)	150-300
Effective Bulb Service Life(hour)	>60,000
Diameter Lamp Housing(mm)	700
Lighting Depth L1+L2(mm)	>1000
Power(W)	80
MIS Endoscopy Lighting	Available

Options   ■ Remote control   ■ Touch-screem   ■ HD camera system