panalex
THE O.R COMPANY

SHANGHAI PAX MEDICAL INSTRUMENT CO., LTD.

panalex
LED OPERATING LIGHT

TÜVRheinland CE

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

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

- The detachable handle made of special material can be sterilized in 135℃ autoclave more than 3000 times.

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

- Using the medical class LED which is imported from the top lighting expert, German OSRAM Company.

- The light can satisfy different light spot requirements through its special optical software design.

- The unique spectral optical filter ensures the excellent color restoration.

- With over 50,000 hours effective working life, PANALEX can extremely save the hospital's maintenance cost.

- The energy-saving LED element with lowest heat emission features and cool light characteristic ensures the low surgical field temperature rise.

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.

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	1/2.8" Exmor CMOS
HD Digital Pixel(Resolution)	＞2 million pixels(1920×1080)
Aspect Ratio	16 : 9
Video Recording	1080p
Lens	10×optical zoom & 12×digital zoom Max optical zoom 120×
Aperture	F1.8-F3.4
Focal Length	f=3.8-38mm
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
Outpit Connection	1.HD SDI 2.HDMI

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with emergency power

Technical Data	PANALEX
Central Illuminance (Lux)	160,000
Color Rendering Index(Ra)	>95
Color Temperature(K)	A:4500 B:3500 4000 4500 5000(Optional)
Focusable Light-field Size(mm)	150-300
Effective Bulb Service Life(hour)	>50,000
Diameter Lamp Housing(mm)	700
Lighting Depth L1+L2(mm)	>1000
Power(W)	80
MIS Endoscopy Lighting	Available

Options   ▪ Remote control   ▪ Touch-screeem   ▪ HD camera system