

INFINIUM<sup>®</sup>



Surgical & Procedure Lights

**Luxor** S250 / S300 Camera



Handle Touch Control (Quick & Easy)



### Illumination Intensity

3 Step adjustment (Max. 110,000 lx)



### Light Field Size

3 Step adjustment (Max. 25cm / Min. 15cm)



### Color Temperature

3,800K / 4,300K / 4,800K



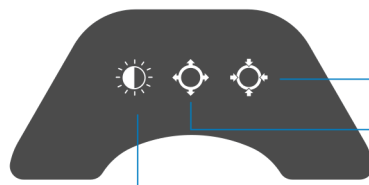
### Color Rendering Index

Ra 97 / R9 97



### Endo Mode

3 Step adjustment  
(Max. 15,000lx / Min. 5,000lx)

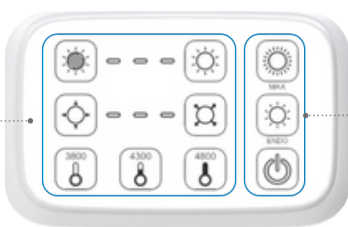


Light Field Decrease

Light Field Increase

Intensity Control (1 → 2 → 3 → 1, Rotate)

ARM Touch Control (Intuitive)



### Light Control

- Brightness (Intensity) 3 Step
- Light Field Size 3 Step
- Color Temp. 3 Step



### Max. Mode

- Light Field Size 3 Level
- Intensity 3 Level

### Endo Mode

- Light Field Size 1 Level
- Intensity & Color Temp. 3 Step (5,000 ~ 15,000 lx)

### Light On / Off

### Back-up Battery

- Over Voltage Detection
- Under Voltage Detection
- Discharging Over Current Detection
- Short Circuit Detection
- Cell Balancing, PTC
- Life cycle : 300 cycle (charge/discharge)
- Duration : 3 Hours

### Specifications

Rating	20~28Vdc, 4A (Lithium-ion Battery)
Dimension	240 x 140 x 120
Weight	3.8Kg

# Luxor S300 Camera

**INFINIUM**



Handle Touch Control  
(Quick & Easy)



**Illumination Intensity**  
3 Step adjustment (Max. 130,000 lx)



**Light Field Size**  
3 Step adjustment (Max. 25cm / Min. 15cm)



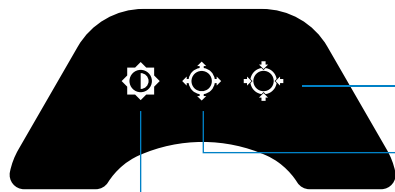
**Color Temperature**  
3,800K / 4,300K / 4,800K



**Color Rendering Index**  
Ra 96 / R9 95



**Examination Mode**  
Intensity 3 Step adjustment (Max. 60,000 lx)  
Color Temp. adjustment (3,800K / 4,300K / 4,800K)



Light Field Decrease

Light Field Increase

Intensity Control(1 → 2 → 3 → 1, Rotate)

Full-HD Camera



Specifications	
Image Sensor	1/2.8-Type CMOS
Lens	30X Optical Zoom
Image Point	Approx. 2.13 Megapixels
Output Pixels	Full HD 1080p (1,920X1,080)
Video Signal	Digital : HD-SDI (BNC)

## ARM Touch Control (5" LCD Panel)

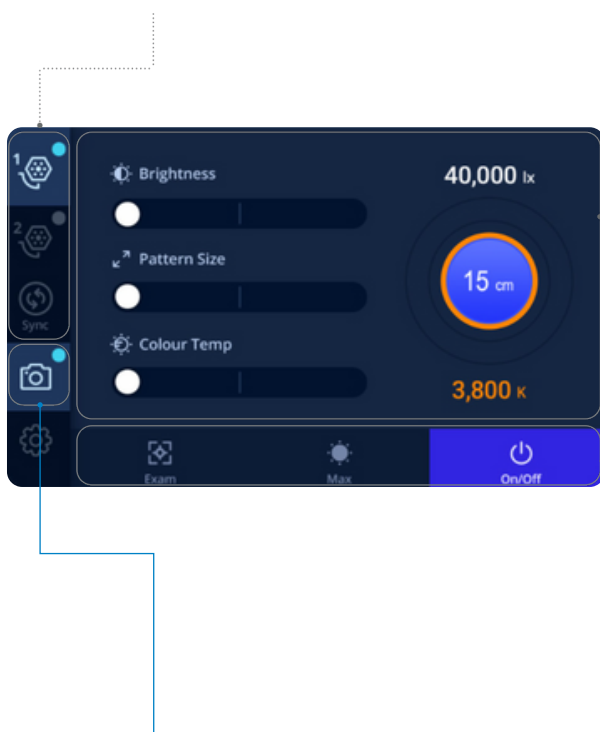


## OT Light 1 or 2 Control (Sync)

- Light 1 / Light 2 Select
- Light ON / OFF
- Light Field Size, Intensity, Color Temp.

## Sync Mode

- OT Light (1 and 2) Sync



## Light Control

- Brightness (Intensity) 3 Step
- Light Field Size 3 Step
- Color Temp. 3 Step

## Examination Mode

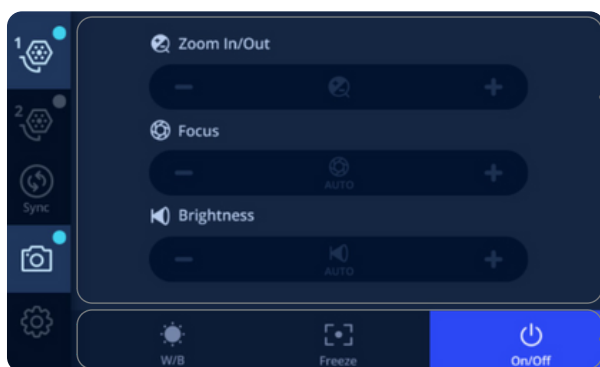
- Examin. Light ON / OFF
- Intensity, Color Temp. Control

## Max. Mode

- OT Light
- Light Field Size 3 Level and Intensity 3 Level Setting

## Light On / Off

## Camera Mode



## Camera Control Button

- Zoom In / Out (Ratio : 30X)
- Focus In / Out, Auto
- Brightness up / down, Auto

## Camera On / Off

- The Camera turns on, at the last condition stored in its memory.

## White balance

- White balance control button

## Freeze

- Camera freezing button

# Luxor S300 Configuration

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OT Light 2  
(S300) ▼

OT Light 1  
(S300C) ▼



Tablet PC  
(Android APP)

- ✓ OT Light Control
- ✓ Sync Control

## Back-up Battery



- Over Voltage Detection
- Under Voltage Detection
- Discharging Over Current Detection
- Short Circuit Detection
- Cell Balancing, PTC
- Life cycle : 300 cycle (charge / discharge)
- Duration : 3 Hours

## Specifications

Specifications	
Rating	20~28Vdc, 4A (Lithium-ion Battery)
Dimension	240 x 140 x 120
Weight	3.8Kg

# Luxor Series Technical Specification



Class	S250	S300 Camera
Design (Light Head)		
Installation	Single Ceiling Dual Ceiling Mobile Wall	Single Ceiling Dual Ceiling Wall
Head Size (cm)	37.2 X 38	43.5
No. of LED (ea)	34	41
Maximum Intensity (lx)	110,000	130,000
Intensity control	3 Step (40,000 ~ 110,000)	3 Steps (40,000 ~ 130,000)
C.R.I (Ra / R9)	97 / 97	96 / 95
Color Temperature (K)	3,800 / 4,300 / 4,800	3,800 / 4,300 / 4,800
Light Field Size (Cm)	3 Step (15 ~ 25, Circle)	3 Steps (15 ~ 25, Circle)
Detachable Centre grip	Yes (2X)	Yes (2X)
Input Power	100 ~ 240Vac, 50/60Hz	100 ~ 240Vac, 50/60Hz
LED Life	60,000Hrs	60,000Hrs
Option	Backup Battery	Tablet PC Backup Battery