

# LUVIS | S300

EXAMINATION LIGHTS



# WHERE YOU NEED US, WE ARE THERE

With every light, every system, and every solution,  
we bring confidence and clarity to the surgical field.

---

# 2005

Founded in 2005, DENTIS is a Dental & Medical solution provider dedicated to enhancing the health and happiness of people around the world

---

# 1

DENTIS's operating room solution brand, LUVIS, holds the No.1 market share in Korea with a distinctive lineup of surgical lights

---

# 80

Our products are exported to over 80 countries and comply with major international medical standards

---

# KOREA

From light head to arm, all components are manufactured in Korea for full quality control and reliability

## TECHNICAL SPECIFICATION

LUVIS S300		
Head Size (cm)	52.1×46.9	
No. of LED (ea)	42	
Central Illuminance (lx)	130,000	
Electronic Adjustment Range (%)	40-100	
Color Temperature (K)	3,800/4,300/4,800	
Color Rendering Index (Ra/R9/R13)	96/95/99	
Light Field Diameter (cm)	d10	15-25
	d50	9-15
Shadow Dilution (%)	With Tube	100
	With 1 mask/With 1 mask+tube	-
	With 2 mask/With 2 mask+tube	50/50
Depth of Illumination (cm)	60%	75
	20%	150
Illumination Energy (W/m <sup>2</sup> )	454	
Power Consumption (VA)	61	
Life Span (Hr)	60,000	
Power Supply (Vac, Hz)	100-240, 50/60	
Detachable Centre Grip	Yes (2X)	
Certificate	CE/UL/FDA	
Installation Type	Single Ceiling Dual Ceiling Mobile Wall Chair	
Optional	Tablet PC (App) Backup Battery	

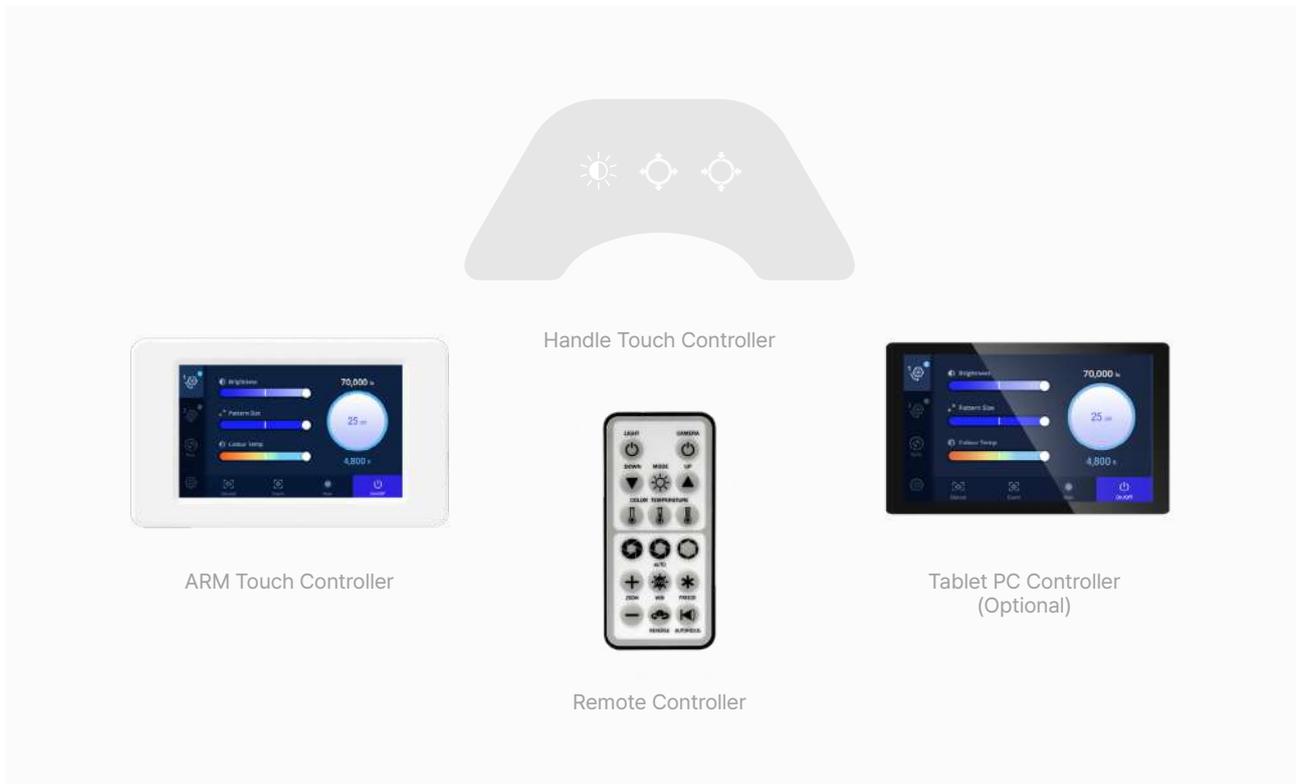
Full-HD Camera (Optional)	
Image Sensor	1/2.8" SONY STARVIS CMOS
Lens	30X Optical Zoom
Image Point	Approx. 2.13 Megapixels
Resolution	Full HD 1080p (1,920×1,080)

A photograph of a surgical team in an operating room. Five surgeons, wearing blue scrubs, masks, and hairnets, are focused on a patient lying on a table. They are illuminated by large, circular surgical lights with multiple lenses. The scene is dimly lit, with the primary light source being the overhead surgical lamps. The overall color palette is dominated by blues and greys, with the warm tones of the patient's skin and the surgical instruments providing contrast.

**SMART & COMPACT  
EXAMINATION LIGHTS  
FOR EVERY CLINIC**

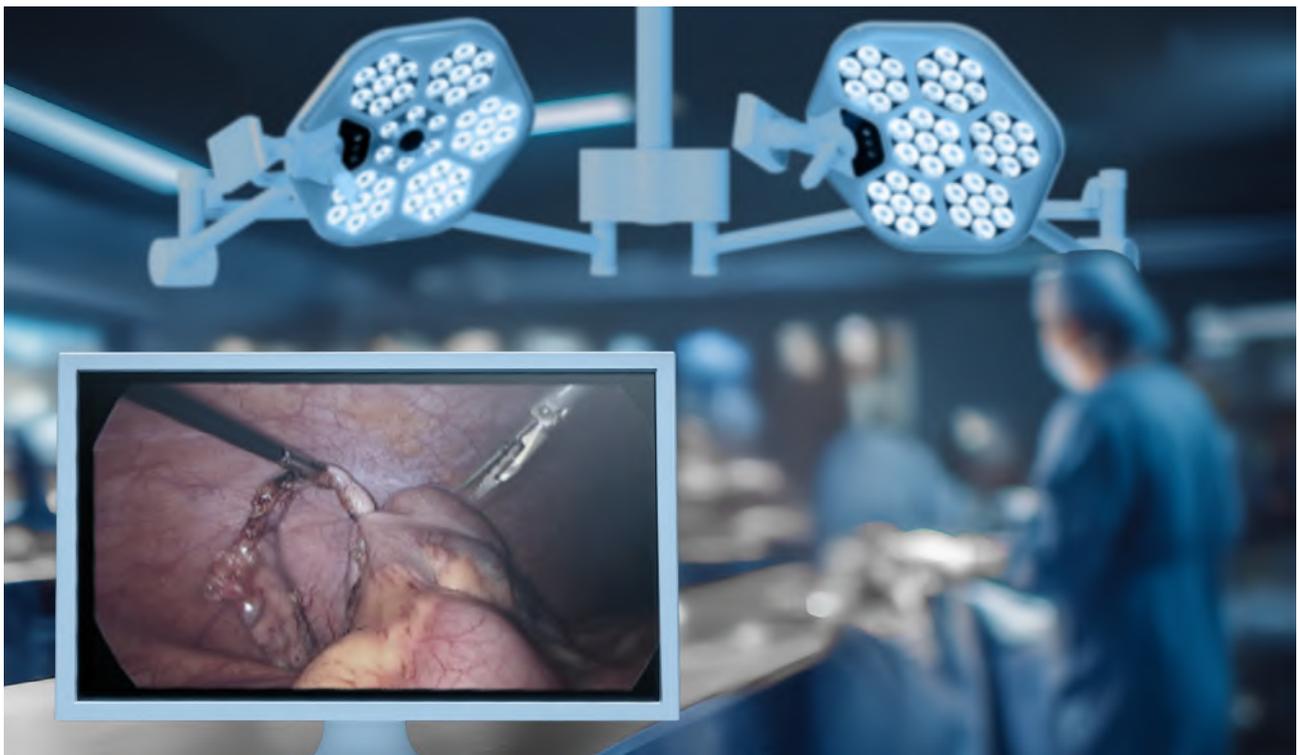
## MULTI-INTERFACE CONTROL SYSTEM

Four control options for enhanced usability and flexibility



## FULL-HD CAMERA INTEGRATION

Supports Full-HD camera for live surgery, real-time viewing, and recording (Optional)



## SLIM AND AWARD-WINNING DESIGN

Fits perfectly in any clinic with its sleek, flat profile  
—recognized for its outstanding aesthetics at global exhibitions



## AUTOCLAVABLE AND REUSABLE HANDLE

Sterilizable and reusable handle ensures safety and  
supports eco-friendly practices



# VERSATILE INSTALLATION OPTIONS

Supports ceiling, wall, mobile, and chair-mounted types to suit any space

Single Ceiling



Mobile



Wall



Camera Mobile



## Synchronized Control

Enables two lights to be controlled simultaneously, providing greater efficiency and convenience in the surgical environment

\* Camera option available for all installation types

Dual Ceiling



Chair (Dual Connection)

