

# HDC-300

Light it. Record it. Show it.



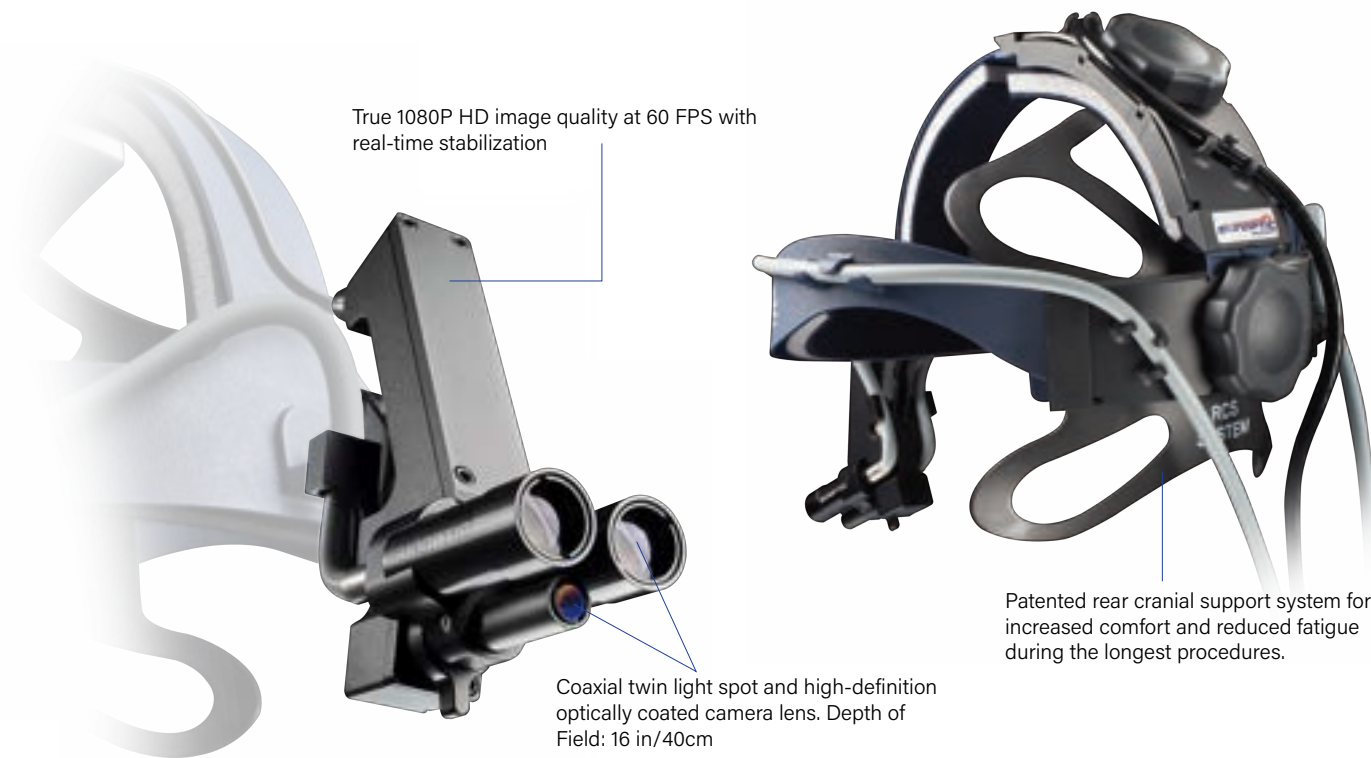
**SUNOPTIC**

# Share the Surgeon's Point of View in HD

## An Operating Room with a View.

With the surgeon's point of view on screen, your entire OR team can experience a greater level of coordination and efficiency never before possible. The **HDC-300** is the perfect tool for consults, training and education. Its high definition surgical footage can be seamlessly shared instantly with colleagues within your facility or around the globe. The unrivaled parallel camera/light alignment design allows the camera to always be fixed on the center of the light spot while providing a crisp image with true color representation on the viewing monitor. The built-in, real-time image stabilizer helps to reduce the impact of surgeon head movement resulting in a smoother image that is more comfortable for staff and audiences to view.

# HDC-300



True 1080P HD image quality at 60 FPS with real-time stabilization

Coaxial twin light spot and high-definition optically coated camera lens. Depth of Field: 16 in/40cm

Patented rear cranial support system for increased comfort and reduced fatigue during the longest procedures.

High definition medical grade monitor

500GB of system memory (approximately 46 hours of recording time)

Paired with the world's only 400 watt xenon light source for optimum illumination and color rendition.

Dual HDMI and DVI video out ports connect to most external monitors or integrated systems

Captures video recordings and still images

Accessory storage basket

### Easy Touchscreen Commands

**Image Adjustment**- Allows users to customize color balance, image brightness, gamma and contrast to their specific needs.

**Camera Panning Technology**- Allows OR staff to shift the camera image over the desired area without having to enter the sterile field or physically adjust the camera/light module.

**Zoom**- Allows end users to magnify the camera image to observe smaller structures, and zoom out in order to capture the entire surgical site.

**Customize**- 3 customizable user profiles that can then be easily loaded at the beginning of a surgical case with all of the user's preferred image settings.

**X400 Light Source**- 400 watts of daylight quality white light for superb color accuracy.

**Dual Recording** feature for immediate video and image review with connected USB drive.

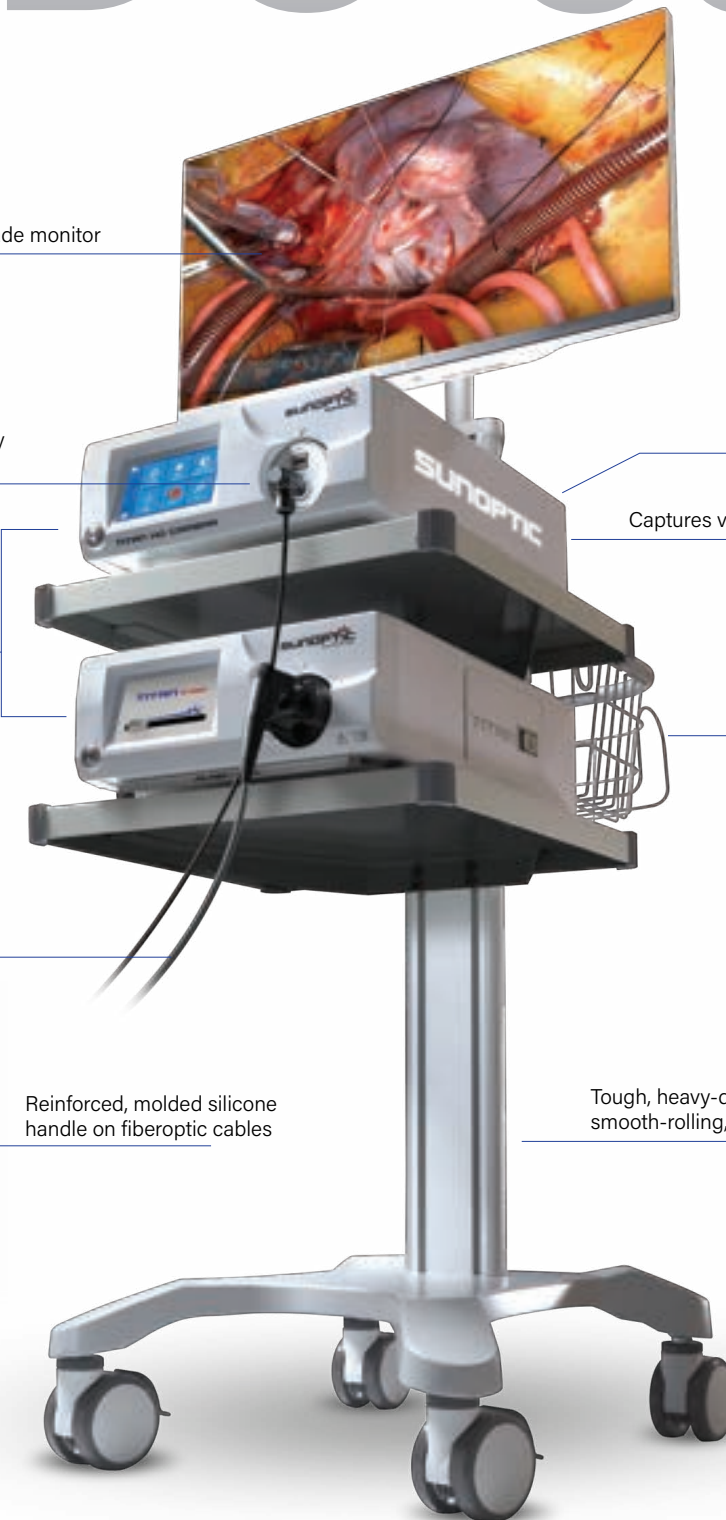


HEXAFUSE  
Glass Fusion Technology  
HEXAFUSE fiberoptic cable



Reinforced, molded silicone handle on fiberoptic cables

Tough, heavy-duty cart with smooth-rolling, lockable wheels



# X400



## Powerful technology and an intuitive design.

Our most powerful surgical light source, driven by a proprietary 400 watt ceramic xenon lamp, produces an astonishing 325,000 lux\* of 5,600° K pure white light for unrivaled color rendition of tissues. The front attenuator slide ensures you will always have just the right amount of light.

### Enhanced Xenon Performance

- The only 400 watt light source available for surgical headlamps
- 1,000 hour or 1 year lamp warranty
- \*325,000 lux at 16"/40cm working distance
- 5600° K color temperature for accurate tissue rendition
- CRI (Color Rendition Index) of 97 is superior to LEDs
- Two smart fans ensure whisper quiet operation

### System Highlights

- Four port turret compatible with ACMI, Wolf, Olympus, and Storz cables
- Evenly distributed light spot with headlamps
- Intensity slide for precise light control
- Easy lamp replacement. No tools needed.
- Resettable lamp life meter on back
- Automatic shutter closes when fiber optic cable is removed
- Xenon technology ensures sufficient light output throughout lamp life

*Designed, Developed, and Manufactured in the United States.*



13485 Certified

