



MI
Medical Illumination

System **Two**



MAKING YOUR SURGICAL OUTCOME BRIGHTER

When performing surgery, accuracy is critical, every detail needs to be illuminated. That is why at Medical Illumination, Our focus is making visualization the top priority.

The System Two Surgery Light is brighter, whiter, cooler, and more capable in the surgical theater than any previous technology. Getting the most accurate colors with unparalleled shadow control - with no heat emission!

System Two at a Glance

- 4,300° K pure white illumination
- Brilliant 130,000 lux output
- 50,000 hour-rated LED life
- Cross-focus technology
- Superior shadow control
- Five-stage dimming & ambient light (minimally-invasive) mode
- Near-zero radiated heat
- Single, dual, and triple mounts for ultimate flexibility
- HD camera & monitor mounting options



5-stage dimming and illumination are easily controlled with the sterilizable handle

GETTING A BETTER HANDLE ON THINGS

Controlling the brightness and position of a surgical illumination field is critical. With the System Two, it is simple. Just reach up and press the center button on the 5-star dimming control handle.

- All key light functions are controlled within the sterile field.
- Single, double, and triple mounts provide flexibility in how to equip the operating room.
- Suspension arms are precision-balanced and articulated to allow reach and range.
- With its sleek, streamlined profile the light head still produces brilliant output and flawless shadow reduction.
- Optional high-definition video camera and monitor give you expanded video-assist capabilities.
- Optional touchscreen wall control provides easy remote management of lighting features.



Ambient light (minimally-invasive) mode is achieved with a few presses on the handle's button

ENGINEERING MEETS SCIENCE, MEETS SURGERY

The only company in the industry to go to the extremes for medical lighting. Medical illumination is what we do. In developing our flagship series System Two, we sought to create the most pure, uniform white light possible. Considering not only how LEDs operate, but also how the human eye perceives color. The results are a remarkable optics technology - setting a new standard in surgical illumination.

CROSS FOCUS TECHNOLOGY

Both Inner and outer rings of LEDs can be cross-focused by simply rotating the handle. Adjusting the light pattern to eliminate shadow, without moving the light head.

Each LED features a refracting diffuser lens. Immediately redirecting each beam into a single, coherent light field.

To compensate for LED color imperfections, a lens was created that merges emitted colors into one beam of white light. Providing unparalleled accuracy.

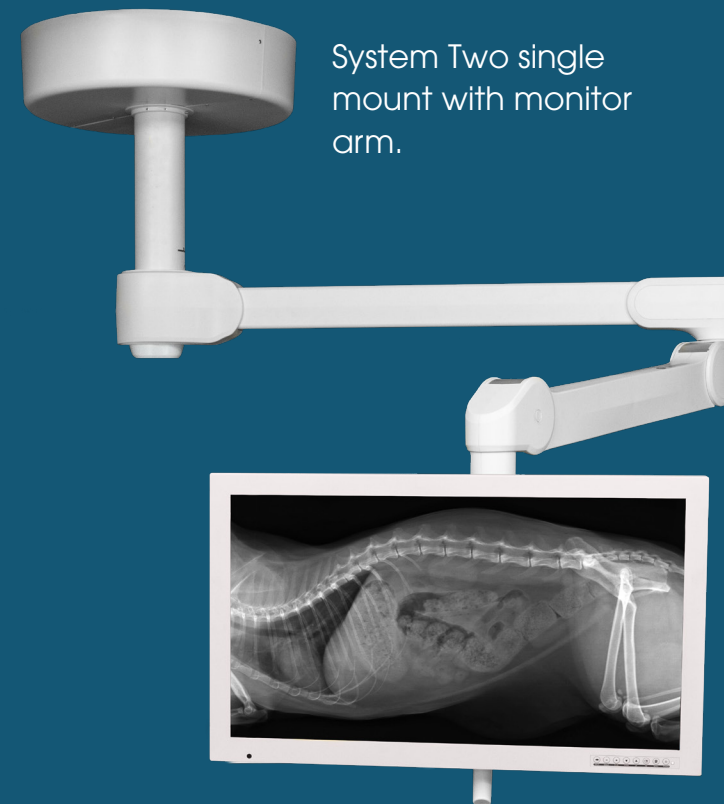
Light field can be adjusted from 9" - 13" with a minimal reduction of illumination brightness.





System Two single mount with light head.

System Two single mount with hi-definition camera.



System Two single mount with monitor arm.

SYSTEM TWO ARM OPTIONS

Three lighting configurations, limitless possibilities

The System Two comes in single, dual, and triple mounts. One, two, or three lights or optional accessories.

SYSTEM TWO SINGLE MOUNTS

The single light mounting system offers flexibility, exceptional illumination, and outstanding shadow control. This mounting can also support the high-definition video camera or monitor arm.



System Two dual mount
with one light head and
one monitor mount.

SYSTEM TWO DUAL MOUNT

Providing dual lights for superior shadow control and intensity. There is also the option for one light and one video component (monitor or video camera).



System Two dual mount with
one light head and one HD
video camera.



System Two dual mount
with two light heads.



System Two triple mount with one light head and two monitors.



System Two triple mount with one light head, one HD camera, and one monitor arm.

SYSTEM TWO TRIPLE MOUNT

The triple mount represents the ultimate flexibility in the surgery room. Configurations include: Three light heads, two light heads with one video monitor arm, or video camera with two light heads. Complete surgery lighting and video capability with accurate performance.



System Two triple mount with three light heads.



MONITOR ARM

Meeting the changing needs of the advanced surgery room. It is flexible movement and mounting at the same axis allows for 300 degree rotation above the surgery table. Compatible with most medical grade video monitors.

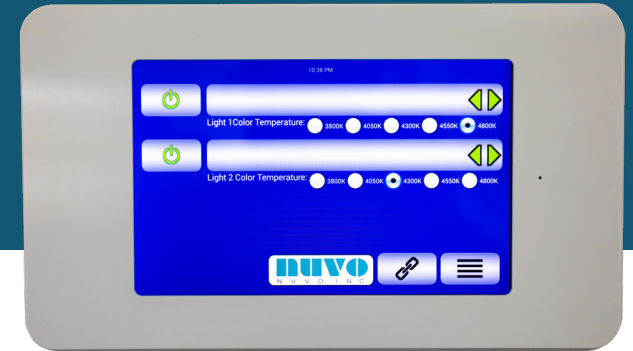
- Sterilizable handle for adjustments within sterile field
- Provides options for high definition fiber optic cables.
- Compatible with most video sources
- Ceiling mount can be a solo arm
- Can mount up to 26" monitors.



HIGH DEFINITION CAMERA

The perfect visual support to the System Two series, The HD camera provides affordable video support and features multiple zoom and focus

- 1080i high-definition
- HD-SDI video output
- 20x optical zoom/12x digital zoom
- Auto and manual focus
- Sterilizable handle - standard
- Mounted Independently or with lights



WALL CONTROL

The System Two wall control independently manages up to three System Two lights.

- Touchscreen
- Bright LCD display
- Control on/off
- Controls Dimming Modes
- Multi-head operation

Illuminated Thinking

For the past 30 years, the goal of Medical Illumination has been to provide the medical field with the very best surgery, procedure, and exam lights. No other manufacturer does it better or provides greater value. Which is why so many physicians and surgeons depend on us to light the way.

By providing brighter, color accurate, and cooler lighting we can help make a difference in patients. That is illuminated thinking.

Check the specs at www.medillum.com or contact your distributor.



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