



Looking Glass™ System

4K Integrated Visualization System



To learn more about these or other innovative products,
call **1-866-4CONMED** or visit www.CONMED.com



Introducing A First That Lasts:
Imaging Surgeons Want, Durability
Facilities Need

Hospitals and ASCs not only need visualization systems that include modern technology and provide a high-resolution image with true color profiles, they also need durable solutions that perform reliably day-in, day-out for years to come. Therefore, we created the Looking Glass™ 4K Integrated Visualization System. Whether you're looking for a system with a high resolution picture with truer colors, features that drive OR efficiency, or reliable performance, Looking Glass™ System is the solution for your OR.

Looking Glass™ System includes technology that helps you see today, and durability that helps you see tomorrow.

The Picture of Performance

4K Ultra-High Definition (UHD) Image Quality

The Looking Glass™ 4K Integrated Visualization System is designed to provide brilliant surgical visualization intended to help surgeons improve their ability to treat their patients. Ultra High Definition 4K 3-Chip CMOS camera technology combined with a LED 32" monitor provides a brilliant 10 bit color display with 4x the resolution of HD enabling visualization of vascular structures, soft tissue & cartilage intersections, ligaments, and fissure tears that could be easily missed with insufficient visibility. This allows for quicker identification of trauma to anatomical structures and dissection of tissue – because the better you can see, the better care you can provide for your patients.

Looking Glass™ 4K Integrated Visualization System AV4132

A Bright Future with the eLuma™ Electronic Light Guide (ELG)

Say goodbye to fragile fiber optic cables that degrade with handling over time. To help optimize your visualization, the eLuma™ ELG puts the light source directly where you need it - at the scope. The eLuma™ ELG is a reliable, lightweight cable delivering natural lighting for a realistic color reproduction by achieving consistent and reliable light output throughout their lifetime. eLuma™ ELG combines a traditional light source and light cable into one integrated design. This product not only saves valuable space in the OR, it's designed to reduce cost of ownership when compared to traditional light sources and fiber optic light guides.

eLuma™ Electronic Light Guide	AV41LG
eLuma™ Dyonics/Wolf Adapter	AVELG51
eLuma™ Adapter ACMI	AVELG52
eLuma™ CONMED Threaded Adapter	AVELG53
Scope to Threaded Adapter	AVELG53SA

A System That Works For You

With the ever-increasing demand for faster OR turnover, having circulators make tedious adjustments to imaging systems can seem like a big waste of valuable time. With CONMED's Looking Glass™ System, the 5-button camera head enables heightened control in the OR from the sterile field allowing you to navigate through the settings, menu, programming, and external device settings to make adjustments as required. These buttons can be easily customized to provide personalization of the functions as well. Additionally, the camera heads have been ergonomically designed to provide comfort when holding the camera head in various positions.



eLuma™ Electronic Light Guide (ELG)

4K INTEGRATED
VISUALIZATION
SYSTEM



eLuma™
Electronic Light
Guide (ELG)

Looking Glass™
4K Camera Head

4K INTEGRATED
VISUALIZATION
SYSTEM



CAMERA HEAD
4K, 3-CMOS

Simplify the OR

The Right Tool for the Job

Tired of temperamental light cables that are never as bright as the day they were installed and prone to failure? The eLuma™ electronic light guide is the right tool for the job. It's simple: the better surgeons can see, the better care they can provide to the patients. CONMED's 4K visualization technology is designed to enhance a surgeon's ability to clearly and quickly identify critical anatomical structures and make the crucial decisions that impact patient outcomes.

Built CONMED Tough

The Looking Glass™ System was designed for the most demanding ORs. In addition to image clarity and picture, this reliable system has been engineered to withstand mishaps in the OR – with features intended to reduce set up time and repair costs to fiber optic cables and camera heads:

- ShockFlex™ Prism mounting on camera heads protect against drops up to nearly 4 feet.
- Gorilla® Glass¹ on monitor provides high resistance to accidental scratches from pointed edges on gas columns, OR lights or entry doors.
- Gorilla® Glass mitigates the need for protective plexi glass screen covers that could potentially affect the colors of the image.

Looking Glass™ Camera Head 4K 3MOS Eyecup

AV41CHE

Reduced OR Footprint

The Looking Glass™ Cable Connector Interface (CCI) allows the camera heads and eLuma™ Electronic Light Guide to be connected to the Looking Glass™ system without having to connect at the back of the monitor. This system provides something that nearly every operating room needs more of - space. By integrating the camera controller and the light source into the Looking Glass™ monitor, you now have extra shelves available on your cart for more accessories/equipment used in arthroscopy, laparoscopic, and sinuscopy procedures. The system integration also provides modularity for easy setup on either a tower or integrated within your OR.

Video Cart, 120VAC	AV8500
Retro-Kit for Visualization Cart	VP8500AV-Kit
Primary Articulating Arm	AV8570
Secondary Articulating Arm with Keyboard	AV8571
Tray 10K Pump Holder	VP8572
Dual Tank Gauge	VP8573
CO2 Holder, Dual Tank	VP8574
CO2 Holder, Single Tank	VP8575
Storage Drawer	VP8576
Camera Head Holder	VP8577
Footswitch Bin	VP8578
Tank Wrench with Magnetic Base	VP8580
Cable Connect Interface (CCI)	AV41CON



A System That Works For You

In addition to potentially reducing the need to adjust the system since the surgeon can do so using the camera head, adjustments from outside the sterile field can be done easily using the passive touch menu on the front glass of the Looking Glass™ monitor.

Autoclavable Ease

The autoclavable camera heads of the Looking Glass™ System provides a cost-effective process of sterilizing and turning around equipment between cases.



CABLE CONNECTOR INTERFACE

4K INTEGRATED
VISUALIZATION
SYSTEM

An Investment In Your Future

Versatile, Cost-Effective, Multi-Specialty Solution

To provide the maximum value to hospitals, ASCs and other healthcare providers, we designed this system to be a true multi-specialty solution. With the improved light sensitivity provided by the 3MOS technology and the brighter, deeper light provided by the LED light source and camera head, you have a system that is adept at differentiating between the bright whites of orthopedics as well as the deep reds of laparoscopy and general surgery procedures.

The Most Cost-Effective Sterilization Solution

Autoclavable camera heads are designed to withstand the most cost-effective sterilization method when compared to other sterilization methods like Sterrad and Steris.²



² McCreanor, Victoria, and Nicholas Graves. "An Economic Analysis of the Benefits of Sterilizing Medical Instruments i Low-Temperature Systems Instead of Steam." American Journal of Infection Control, Elsevier, 29 Mar. 2017, www.sciencedirect.com/science/article/pii/S0196655317301475.

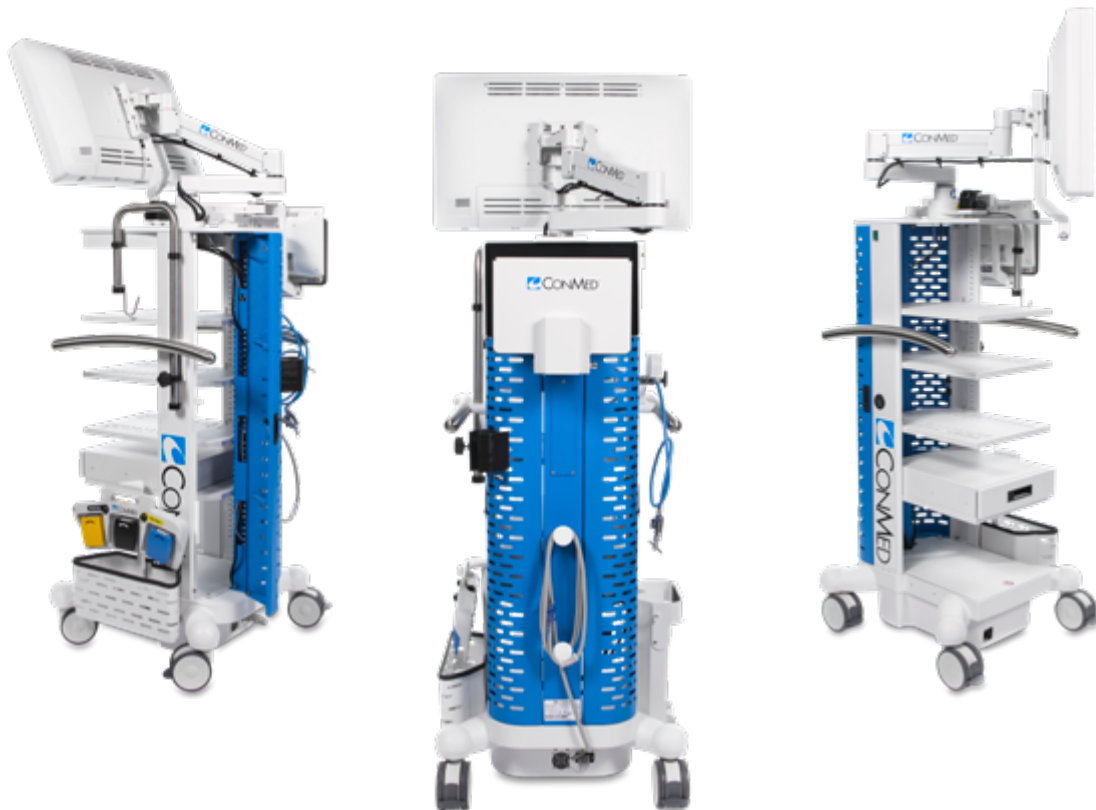
7-Year Warranty³

Anyone can claim their system is reliable, but we back it up with a market-leading 7-Year Warranty against steam penetration – so you can have peace of mind knowing your investment is protected.

Flexible Financing

CONMED has a wide range of financial solutions available to meet your needs. Get rewarded with capital products or service by purchasing the disposables you already need for your procedures from CONMED using our Advantage Rewards Program.

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To make a smart investment and upgrade your OR, call 1-866-4CONMED to schedule an evaluation with your local CONMED Sales Representative or visit www.CONMED.com/LookingGlass for more information.

³Warranty information can be found at www.conmed.com/LookingGlassWarranty



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