



Looking Glass™ 4K Integrated Visualization System

Technology to help you see today, durability to help you see tomorrow. Whether you're looking for a high resolution system with truer colors, features that drive OR efficiency, or reliable performance including a 7-year warranty against defects arising from autoclaving, Looking Glass™ is the solution for your OR.



When it's time to upgrade your OR's imaging systems, make a smart investment and schedule a no-obligation evaluation with your local CONMED Sales Representative by calling **1-866-4CONMED** or visiting **www.CONMED.com/LookingGlass** for more information.

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

Looking Glass™

Features and Benefits

Clinical Performance: Great Picture with Innovative Features

- 4K 3-Chip CMOS camera technology combined with an LED 32" monitor provides a brilliant 10-bit color display for detailed multi-specialty visualization.
- The LS8000 Direct LED Light Source helps to produce a clear view of the surgical site as well as a natural color spectrum by achieving consistent light output throughout its lifetime.
- Customizable 5-button camera head enables heightened control in the OR from the sterile field, allowing you to easily make adjustments as required.



Built CONMED-Tough: A Durable System That's Easy-To-Use

- While looking toward the future with Looking Glass™, CONMED continues to leverage historical innovations such as the ShockFlex™ prism that prevents damage from accidental drops.
- The 32" monitor is also designed to withstand the daily demands in the OR with Gorilla® Glass! Gorilla® Glass prevents accidental scratches without the need of an external screen protector that could distort your image.
- The integrated monitor and Camera Connector Interface saves valuable OR space and provides modularity for customized placement of equipment.
- Features like autoclavable camera heads and the ability to make adjustments from outside the sterile field are designed for maximum ease-of-use.

Total Value: A Smart Investment for Every Facility

- For maximum value and versatility, Looking Glass™ is a true multi-specialty solution – equally suited for orthopedics and laparoscopic/general surgery procedures.
- Autoclavable camera heads eliminate more expensive sterilization methods like Sterrad and Steris®.
- We back up our reliability claims with a 7-year warranty against steam penetration.
- CONMED has a wide range of flexible financing options available to help meet the budgetary and operational needs of your facility.

¹Gorilla® Glass is a registered trademark of Corning® ²McCreanor, Victoria, and Nicholas Graves. "An Economic Analysis of the Benefits of Sterilizing Medical Instruments in Low-Temperature Systems Instead of Steam." American Journal of Infection Control, Elsevier, 29 Mar. 2017, www.sciencedirect.com/science/article/pii/S0196655317301475.

LS8000
Direct LED
Light Source



Technical Specifications

Classification	Class 1, Type CF Applied Parts (AV41CHE, AV41LG)	Power Consumption	204 VA
Main Power	100-240 VAC, 50-60 Hz, 0.8 Amp	Dimensions (Console)	777 (W) x 472 (H) x 119 (D) mm (30.6 x 18.6 x 4.6 in)
Image Sensor	3 CMOS sensors 1/3 inch	Weight (Console)	32.3 Lbs (14.7kg)
Display Resolution	4K (17:9) (for image resolution of 4096 x 2160)	Remote Output (x2)	3.5mm Two Conductor (Mono) Phone Jack-Female
Video Outputs	Display Port 1.2, 12G-SDI, HDMI 3G-SDI, UHD 3840x2160p, 16x9, 50Hz or 60Hz, UHD 3840x2160p, 16x9, 1080p; 50 Hz or 60 Hz; aspect ratio 16:9, HMDI single link, 1080p; 50 Hz or 60 Hz; aspect ratio 16:9	White Balance	Triggered by front panel or camera head button
Sensitivity	F8 at 2000 lx, 3200K	Electronic Zoom	Up to 2:1, controllable by camera head button
Signal to Noise Ratio (SNR)	54 dB	Ingress Protection Rating	IP20 (System), IP45 (Monitor Front), IPX1 (Connector Interface), IPX7 (Camera Head), IPX0 (Power Supply)



Looking Glass™
Camera Head



525 French Road, Utica, NY 13502

LOOKING GLASS™

Ordering Information

Description	Catalog Number
Looking Glass™ 4K Integrated Visualization System	AV4132
Looking Glass™ Camera Head - 4K 3MOS Eyecup	AV41CHE
Looking Glass™ Cable Connector Interface	AV41CON
Touch Glass Standard Image Capture	AV41SIC
Touch Glass Content Management System	AV41CMS
Visualization Cart 120V	AV8500
Visualization Cart 220V	AV8501
Retro-Kit for Visualization Cart	VP8500AV-Kit

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