Hillrom™

Helion™ Integrated Surgical System

Comprehensive Simplicity Improves OR Efficiency

OPERATING ROOM TECHNOLOGY IS COMPLEX – USING IT CAN BE SIMPLE

What if you had access to intuitive, innovative technology that allows your care teams to achieve peak procedural performance with secure, high-quality connectivity throughout your surgical environment?

That's where the Helion system comes in.

As the core of the OR, the Helion Integrated Surgical System acts as a gateway at your fingertips, providing surgical teams with the comprehensive simplicity they need to enhance efficiency and flexibility within the OR. With the Helion system you can connect to:

- Vital patient information inside your operating room.
- Live video and imaging feeds during the procedure.
- The outside world to consult, teach and confer.

Give your care teams the tools they need to reduce interruptions and delays, allowing them to stay focused on the patient.

INTUITIVE

With an award-winning design featuring a plug and play setup, an easy-to-navigate user interface, drag and drop capability, and quick access functions, the Helion system is a turnkey solution that improves peak procedural performance.

CONNECTED

Vendor neutral with multiple network communications options and full connection with hospital systems like PACS, HIS and EMR provide the ultimate quality and security for communication and collaboration.

RELIABLE

8K ready, powerful, ultra high definition video routing with zero latency ensures you always capture significant surgical moments for your records while keeping your care teams working consistently and productively.

A SINGULAR COMPREHENSIVE SOLUTION

EASY TO ACQUIRE, EASY TO SETUP, EASY TO USE

The Helion System increases the ease and efficiency of your procedural workflows – from simplified acquisition and accelerated setup to improved usability and smoother room turnover.

Intra-operative Efficiency

Balance patient safety with operational efficiency and throughput. Seamlessly manage the connection to all your equipment while maintaining focus on your patient and the surgery at hand.

- **Rapid Room Setup** – Quickly establish preset room configurations with one-touch functions and pull patient information from the EHR or PACS, all from a single touch screen, to accelerate room setup and turnover.
- **Analog to 8K Capable** – Various video resolutions, up to 4K with full 3D support and 8K ready, give ultra high-definition details in real-time, providing clear visibility to patient images, improving surgery quality and enhancing collaborations.
- **Intuitive Technology** – Achieve excellent performance with minimal effort through drag-and-drop control, automatic video source detection, simultaneous access to live previews, split-screen views and recording and conferencing shortcuts.

Enhanced Staff Communication and Focus

Poised to give care teams more visibility and control while caring for patients, the Helion system's intuitive technology enriches collaboration to keep you informed and help you avoid delays.

- **Facilitate staff communication** – Connect with external staff through high-definition video conferencing and streaming capabilities, to improve patient outcomes.
- **Promote team confidence** – Immediately access information when you need it with high-performance video technology through zero latency routing, fail-safe video recording and image capture for two sources, and options to export saved files to PACS or network folders.

Total Customer Support

We’re here to help you with surgical solutions tailored to your clinical and technical needs so your surgical teams can perform at their best.

- **System design and configurations** – Our extensive room planning and design expertise can help you design and configure an integrated surgical system suitable for your needs.
- **User training and support** – Once you've selected your Helion system configuration, we’ll be there every step of the way with on-site and remote training, and ongoing in-person and remote support.

Hillrom's Smart Access Program

Smart Access makes acquiring a fully integrated surgical system easier. When you need to add or upgrade an integrated surgical system, but your budget is challenging, we can help.

This device as service leasing approach allows you to acquire the technology you and your patients need as an annual operating expense. Smart Access offers total system functionality and full coverage that includes design, install, configuration, training and service for the life of the product. Your system is also future proofed through included software upgrade and hardware swaps.

COMPREHENSIVE SUPPORT SERVICES

Discover all the ways Hillrom Services can support you — so you can support your patients.

Construction

Building a new surgical suite or upgrading your integrated surgical system? Turn to the Hillrom Construction Solutions team to help you deliver on clinical, design and financial objectives throughout the planning and installation process.

Hillrom™ Financial Services

The Hillrom Financial Services team of experts will work closely with your organization to structure financing solutions that provide the flexibility you seek on payment terms that meet your needs and cash flow demands, so you can get the equipment and technology you — and your patients — need.

SmartCare™ Service Plans

Our team is trained to handle anything from the smallest repairs to large-scale service projects. And at more than 1,000 strong, our vast network of service technicians is ready to help — even in a hurry.

SPECIFICATIONS

MAIN WITH 4K UNIT

Supported functionalities	Routing / Recording / Conferencing / Streaming / Device and Room Control / Surgical Checklist / Presets Management / Multiview / Patient ID Manager / Media Editing/ Audio Management
Video channels managed	24 Input x 24 Output
Supported resolutions	Up to 4k with full 3D support
Cabling technology	CAT 7 or optic fiber
Touchscreen	24-inch or 27-inch, capacitive, resolution 1920 x 1080p
Aspect ratio	16:9
Touchscreen native resolution	1920 x 1080
Audio Input	3 Mic, 2 Aux Stereo, 1 Videoconference
Audio Output	2 Stereo amplified 2 Stereo non-amplified 1 Video conference
RS232 port for control of devices	12
Recording channels	2 simultaneous recording channels
Protocols / Synchronization	DICOM / HL7
Special Recording functions	Time Shift Recording, MATS
Streaming HW	FullHD 1080 60fps with talkback function
Dimensions Main Unit / UHD unit	5.24" x 16.93" x 17.72" / 1.73" x 16.93" x 17.72" (133 x 430 x 450 mm / 44 x 430 x 450mm)
Power	100-240 V 50-60 Hz AC, 2x (1 for Main Unit and 1 for 4K/UHD Unit) EN 60601-1
USB ports	3x USB 3.0, 2x USB 2.0
Weight Main unit / UHD unit	29.76 lbs / 17.64 lbs (13.5 kg / 8 kg)

CONFERENCE UNIT SPECS

Standard Video	H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC. Encoding up to 1920 x 1080p 60fps
Input Video	2 Input: 2 x HD video in (1080p60/720p60)
Video Output	2 Output: 2 x HD Video Digital out (1080p60)
HD Audio	MicPod 100Hz fino a 16 kHz, MicPod 100Hz up to 16 kHz Mute button
Dimensions	1.73" x 16.93" x 17.72" (44 x 430 x 450mm)
Weight	17.64 lbs (8 kg)
Power	100-240 V 50-60 Hz AC medical grade EN 60601-1

Hillrom™

ABOUT HILLROM

Hillrom is a global medical technology leader whose 10,000 employees have a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. Around the world, our innovations touch over 7 million patients each day. They help enable earlier diagnosis and treatment, optimize surgical efficiency and accelerate patient recovery while simplifying clinical communication and shifting care closer to home. We make these outcomes possible through connected smart beds, patient lifts, patient assessment and monitoring technologies, caregiver collaboration tools, respiratory care devices, advanced operating room equipment and more, delivering actionable, real-time insights at the point of care. Learn more at hillrom.com.

Comprehensive simplicity starts with the right integrated surgical system.
Learn more about the Helion system at hillrom.com.

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