



HELION™ INTEGRATED SURGICAL SYSTEM

COMPREHENSIVE SIMPLICITY IMPROVES OR EFFICIENCY

Operating Room Technology Is Complex – Using It Can Be Simple.

This customized solution acts as a gateway at your fingertips, providing your surgical teams with the comprehensive simplicity they need to enhance efficiency and flexibility within the OR.

Connect to vital patient information inside your OR, quickly accessing and viewing live video and imaging during procedures. You can also connect with the outside world to consult, teach and confer when and where you need.

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.



TECHNICAL 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

For more information, please contact your local Hillrom sales representative.

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