



## Helion Integrated Surgical System

# COMPREHENSIVE SIMPLICITY THAT IMPROVES OR EFFICIENCY

### INTUITIVE AND INNOVATIVE TECHNOLOGY.

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 hyperconnected 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 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.

# SPECIFICATIONS

## Main with 4K Unit

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

## Conference Unit Specs

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

For more information, please contact your local Baxter representative.

[www.hillrom.com.sg/th/helion-integrated-surgical-system](http://www.hillrom.com.sg/th/helion-integrated-surgical-system)

The Helion system is a regulated healthcare product which, pursuant to such regulation bears a CE mark. Baxter recommends that you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical devices. The personnel of healthcare establishments are responsible for the proper use and maintenance of these medical devices. Baxter reserves the right to make changes without notice in design, specifications and models. The only warranty Baxter makes is the express written warranty extended on the sale or rental of its products.

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