

SurgiMedia®



Multimedia digital stations for
medical and surgical environments

*Display, distpatch, record, broadcast and archive
surgical videos, radiological images
and computerized digital data*



isis
INTELLIGENT SURGICAL INSTRUMENTS & SYSTEMS

Modular interface

Main functions



* Video-conference modules, voice control, operating-field lights control and field and PTZ cameras controls are options

SurgiMedia is a state of the art modular multimedia platform developed in partnership with surgeons and O.R staffs to answer present needs in term of multiple sources handling such as displaying, transmitting and recording of patient surgical videos and data.

With its different optional modules, SurgiMedia allows flexible evolutionary configurations adaptable to each O.R. and specialty specific needs.

This intuitive control unit will allow you to:

- **Acquire** and **control** your video sources and distribute them on several monitors
- **Record** your surgical procedures in a sequence-format easy to interpret and edit
- **Share** data with remote surgeons and medical staff through the network
- **Import** data from PACS or any server through the network
- **Archive** recordings in DICOM format on the PACS



SurgiMedia DistrivIEW QUAD with Voice Control

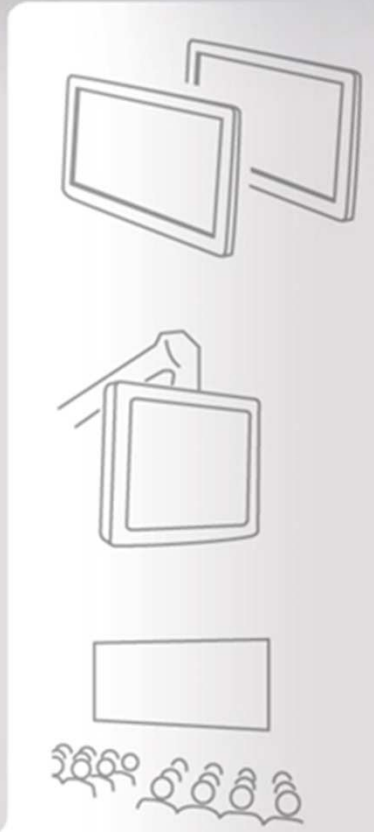
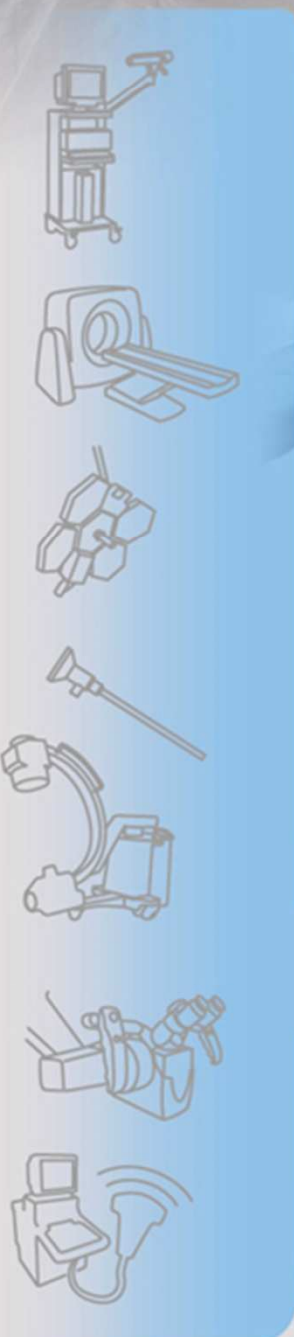
A versatile system

Thanks to number of medical grade optional peripherals, all SurgiMedia models are versatile and evolutionary. They can acquire all video or computer sources present in the operating-rooms and display these sources on one or more wall-mounted or surgical monitors.



VideoBOX

Sources and peripherals handling



**4K
READY**



Features and benefits

	SurgiMedia 21.5"					SurgiMedia 46"		SurgiMedia 46" Slim	SurgiMedia DistriVIEW
	HD-D	HD-D ²	HD-S	HD-S ²	S-HD+				
• Control tactile monitor 21,5" IP65 front panel			●				—		○
• Control 46" tactile monitor			—			●	—		—
• Control 46" non-tactile monitor			—			—	●		○
• Remotely controlled distribution rack (inside/outside the O.R.)			—			—			●
• Compatibility with 4K / Ultra HD sources			—			—			●
• Read / Write CD/DVD			○			○			○
• Analog video source CV in simple definition	—	—	—	—	1	1			○
• Analog video source Y/C in simple definition	—	—	—	—	* ₁	1			○
• Analog video source SOG in high definition	—	—	—	—	* ₁	1			○
• Analog video source VGA/RGB HV in high definition	—	—	—	—	* ₁	1			○
• Digital video source SDI/HD-SDI/3G-SDI in high definition	—	—	1	2	1	1			○
• Digital video source DVI in high definition	1	2	—	—	1	1			○
• Maximal number of additional monitors to be connected*			1			1			6
• Remote patch panels for different signals connection			○			○			●
• Optical fiber cabling / Encoded SmartConverters compatibility			—			—			●
• Multi-source with SelectBOX * (CV,Y/C,SOG,VGA,SDI,DVI)	○	○	—	—	○	○			○
• Multi-display with DistriBOX *, VideoBOX (CV,Y/C,SOG,VGA,SDI,DVI)	—	—	—	○	—	—			—
• Video sources distribution by intuitive interface	—	●	—	●	●	●			●
• DUAL PIP/PAP display of two combined sources	—	●	—	●	●	●			○
• QUAD PIP/PAP display of four combined sources			—			—			○
• Audio/video recordings SD 480p / HD 720p / HD 1080p			●			●			●
• Recordings on USB media or through LAN / on CD			●/○			●/○			●/○
• Recorded video files compatible with MAC & PC			●			●			●
• Videoconference function HD 720p			○			○			○
• Unidirectional Audio/Video streaming SD 480p, HD 720p, HD 1080p			●			●			●
• Bidirectional Audio streaming			○			○			○
• Patient file identification with DICOM Worklist access			●			●			●
• DICOM viewer with patients studies/images handling functions			●			●			●
• DICOMization software for recorded images and videos			○			○			○
• Light-box function			●			●			●
• Video editing software (SD and HD)			●			●			●
• Screenshots recording and display			●			●			●
• Graphic superimposition with drawing features (video overlay)			●			●			●
• Operating field camera remote control (upon model*)			○			○			○
• Operating field lights remote control (upon model*)			○			○			○
• Photo/video recording from a wired remote control*			○			○			○
• Voice Control*			○			○			○
• Integrated protection device (viruses and wrong use)			●			●			●
• Mobile trolley			○			○			—
• Wall fixation / Fixation on surgical arm / Embedded control monitor			●/○/—			●/—/○			○/○/○
• Keyboard-Touchpad / Keyboard support			○/○			○/○			○/○
• Video scalers*(CV, Y-C, SOG, VGA/RGB, SDI, DVI)			○			○			○
• Encoded SmartConverters *(CV/Y-C, VGA/RGB, HD/3G-SDI, DVI)			—			—			○
• Two years warranty / Warranty extension*			●/○			●/○			●/○
• CEI/EN 60601-1, CEI/EN 60601-1-2 , CEI/EN62304, CEI/EN62366			●			●			●

* For additional information, please contact ISIS or representative

*1 Compatible by using an adaptor

Standard ● Option ○ Not available —



- SurgiMedia 21.5" are multipurpose 21.5" systems with evolutionary capabilities via SelectBOX, DistriBOX or VideoBOX
- SurgiMedia 46" is a stand-alone tactile or non-tactile control systems with integrated large size HD monitor
- SurgiMedia DistriVIEW is a modularly configurable device integrating a 22" station controlling a remotely located distribution rack
- SelectBOX, DistriBOX and VideoBOX are stand-alone modules controlled by SurgiMedia and allowing the selection of several video sources among six (CV, Y/C, SOG, VGA, SDI and DVI) to display them on one (SelectBOX module) or two (DistriBOX module) wall-mounted or surgical monitors.



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