

SurgiMedia[®] 21.5"

by **ISIS**



Multimedia tactile 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

Control tactile interface



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

SurgiMedia is a modular multimedia platform developed in partnership with surgeons, medical staffs, Operating Theater and Endoscopy professionals to answer present needs for managing multiple video sources for display, transmission and recordings of patient videos and data. Thanks to its different optional modules, SurgiMedia allows a broad range of flexible configurations for each specialties, thus answering all needs for Operating Theaters or Exam Rooms.

Thanks to this intuitive control unit, you will:

- **Acquire** and **control** your video sources and distribute them on one or more monitors
- **Record** your surgical procedures in a sequence-format easy to interpret and edit
- **Share** data with remote surgeons and medical staffs through the network
- **Import** data through the network from PACS or any server
- **Visualize** and **manage** patients studies with the integrated DICOM viewer
- **Archive** recordings in DICOM format on a PACS server.



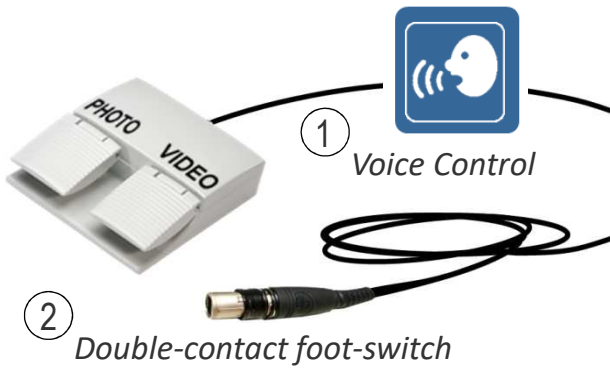
SmartConference

A multi-purpose system

Thanks to many optional medical grade peripherals, SurgiMedia 21.5" are evolutionary systems allowing acquisition of most of video and computer sources produced in the Operating Theater, remote transmission using streaming or HD video-conferencing features, and simultaneous display on one or more wall mounted or spring-arm mounted monitors.

with an optimized ergonomomy

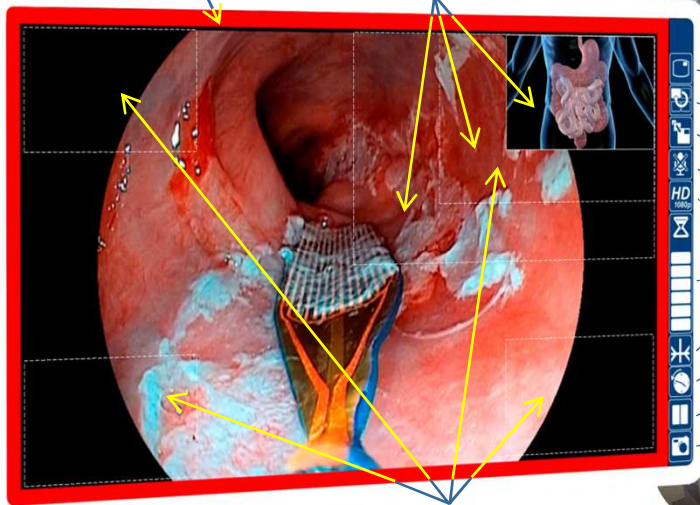
Recording peripherals



Recording interface

REC ON visible information

P-I-P window sizes



P-I-P window positions



and an evolution capability

SelectBOX DistriBOX VideoBOX

Video modules complementary to SurgiMedia 21.5" allowing selection and distribution of two (among seven) SD or HD additional video or computer sources. A P-I-P (Picture IN Picture) and P-A-P (Picture AND Picture) image incrustation feature is integrated with direct selection on the SurgiMedia 21.5" tactile interface.



SmartServer
by ICS











Network storage servers upgradable with modular applications



Features & benefits

SurgiMedia® 21.5"

HD-D IS 21 05 HD-D² IS 21 39 HD-S IS 21 77 HD-S² IS 21 07 S-HD+ IS 21 08

	HD-D IS 21 05	HD-D ² IS 21 39	HD-S IS 21 77	HD-S ² IS 21 07	S-HD+ IS 21 08
• Control tactile monitor 21.5", IP65 front panel	●	●	●	●	●
• Digital video source DVI in high definition (HD)	1 	2 	—	—	1 
• Analog video source CV in simple definition (SD)	—	—	—	—	1 
• Analog video source Y/C in simple definition (¹ with adaptor)	—	—	—	—	1 
• Analog video source SOG in high definition (¹ with adaptor)	—	—	—	—	1 
• Analog video source VGA/RGB HV in HD (¹ with adaptor)	—	—	—	—	1 
• Digital video source SDI/HD-SDI/3G-SDI in high definition	—	—	1 	2 	1 
• Compatibility* with 4K / Ultra HD sources	○	○	—	○	○
• Recording of 4K / 3D sources (with external module*)	○	○	—	—	○
• Multi-source with SelectBOX* (CV, Y/C, SOG, VGA, SDI, DVI)	○	○	—	—	○
• Multi-display DistriBOX*, VideoBOX* (CV, Y/C, SOG, VGA, SDI, DVI)	—	○	—	—	—
• DUAL PIP (Picture IN Picture) display of two combined sources	—	●	—	●	●
• Direct access to functions by tactile pictograms and icons	●	●	●	●	●
• Intuitive tactile interface for video sources distribution	—	●	—	●	●
• Audio/vidéo SD 480p / HD 720p / HD 1080p recordings	●	●	●	●	●
• CD/DVD read/write	○	○	○	○	○
• Recordings on USB media / or CD/DVD	●/○	●/○	●/○	●/○	●/○
• Recordings on SmartServer* through the local network	○	○	○	○	○
• Recorded video files compatible with MAC and PC	●	●	●	●	●
• Videoconference function HD 720p	○	○	○	○	○
• Video streaming SD480p, HD720p, HD1080p / Bi-directional Audio	●/○	●/○	●/○	●/○	●/○
• Compact sonorization Kit (wall-mounted or on mobile trolley)	○	○	○	○	○
• Surgeon pendant sonorization Kit (with integrated loud-speakers)	○	○	○	○	○
• 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 (for celluloid films)	●	●	●	●	●
• 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* (in English and French languages only)	○	○	○	○	○
• Integrated protection device (viruses and wrong use)	●	●	●	●	●
• Wall fixation of control unit/ Fixation on a surgical spring-arm	●	●	●	●	●
• Mobile trolley	○	○	○	○	○
• Keyboard-Touchpad / Keyboard support	○/○	○/○	○/○	○/○	○/○
• Medical grade video converters*(CV, Y/C, SOG, VGA, RGB, SDI, DVI)	○	○	○	○	○
• Two years warranty / Warranty extension*	●/○	●/○	●/○	●/○	●/○
• CEI/EN 60601-1, CEI/EN 60601-2, CEI/EN62304, CEI/EN62366	●	●	●	●	●

* For additional information, please contact ISIS or representative

standard ● option ○ not available —



20, rue du Tour de l'Eau - 38400 SAINT MARTIN D'HERES - France
Tél : +33 (0)4 38 37 29 00 Fax : +33 (0)4 38 37 29 11
Mail to: info@surgimedia.com url: www.surgimedia.com



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