

SurgiMedia[®] 21.5"

by **ISIS**

&



Select**BOX** Distri**BOX**



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



Patient Identification

DICOM Viewer

Record Function

Video Mode

Video-Conference Control*

Patient Information

On-demand Tool-Bar



*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.



SmartServer SmartConference

A multi-purpose system

Thanks to many optional medical grade peripherals, SurgiMedia 21.5" combined with **SelectBOX** and **DistriBOX** 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.

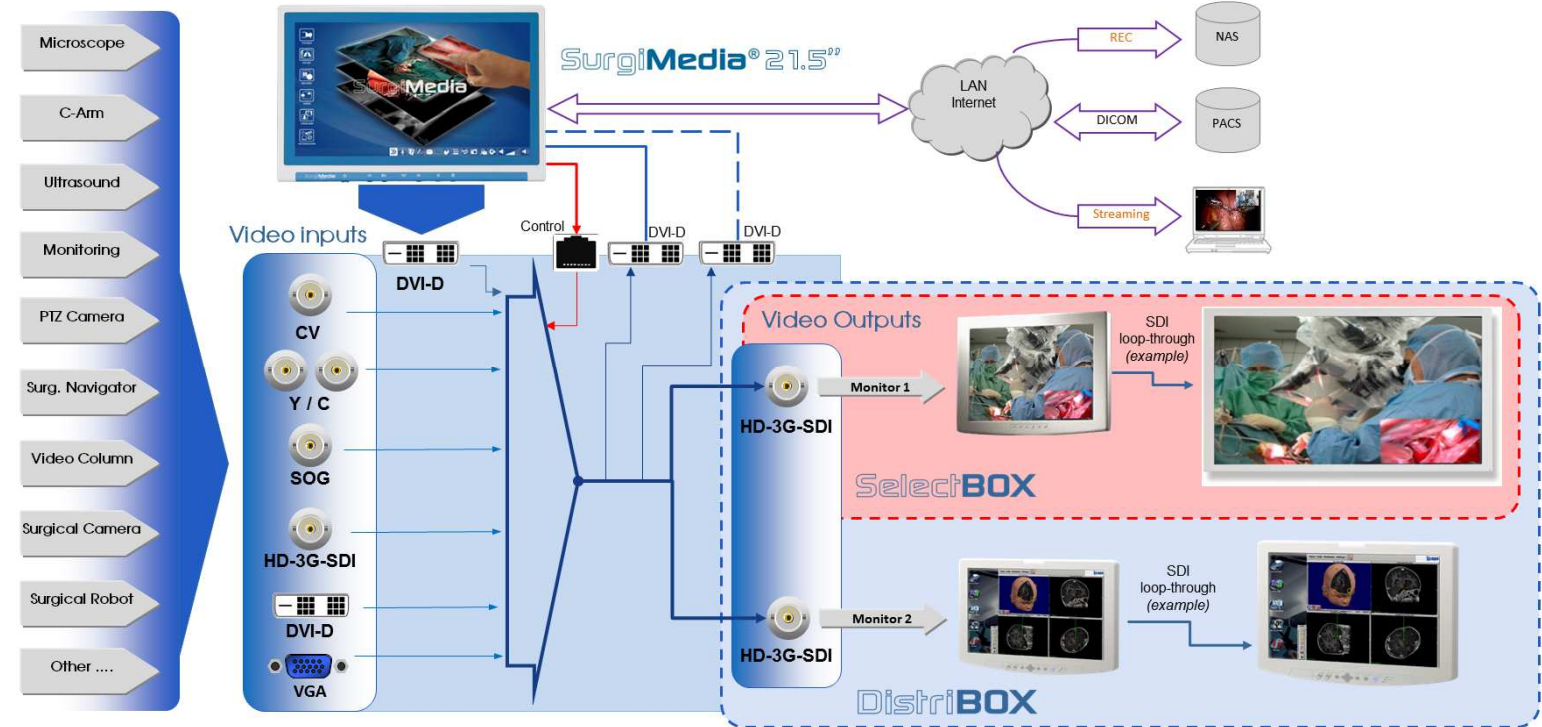
Multiple sources display



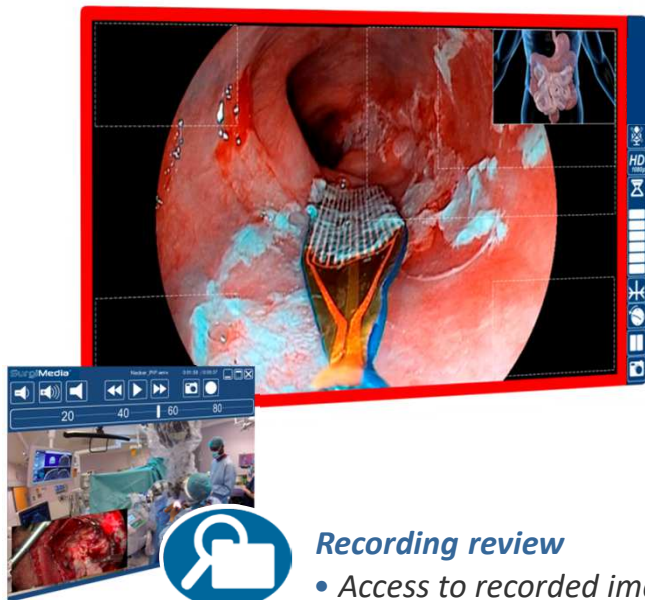
SelectBOX and **DistriBOX** are video modules complementary to **SurgiMedia 21.5"** allowing selection and distribution of two (among seven) SD or HD additional video or computer sources: 2 x DVI, CV, Y/C, SOG, VGA, HD-3G SDI).

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.

SelectBOX allows to display **two sources on one single monitor** when **DistriBOX** allows to display **four different sources on two separate monitors** (using PIP/PAP mode). Clone additional monitors can even be added using the monitor's loop-through connections.



with an optimized ergonomoy



Recording interface

- Audio recording (On/Off microphone)
- Recording resolution (1080p, 720p or 480p)
- Available space on the recording media
- Video sequence identification (Tag)
- Retro-active recording function (Time-Shift)
- Recording On/Off
- Recording of still image (Snapshot)

Recording peripherals

- Voice Control
- Double contact footswitch



Recording review

- Access to recorded images and videos with built-in media viewer

Features & benefits

SurgiMedia® 21.5" &

SelectBOX
DistriBOX

• Control tactile monitor 21.5", IP65 front panel	●
• Digital video source DVI in high definition (HD)	2
• Analog video source CV in simple definition (SD)	1
• Analog video source Y/C in simple definition	1
• Analog video source SOG (Sync On Green) in high definition	1
• Analog video source VGA/RGB HV in high definition	1
• Digital video source SDI/HD-SDI/3G-SDI in high definition	1
• Compatibility* with 4K / Ultra HD sources	○
• Recording of 4K / 3D sources (with external module*)	○
• Number of monitors outputs / Number of displayed sources (PIP/PAP) with SelectBOX	1/2
• Number of monitors outputs / Number of displayed sources (PIP/PAP) with DistriBOX	2/4
• PIP (Picture IN Picture)/PAP (Picture AND Picture) / display of two combined sources	●
• Direct access to functions by tactile pictograms and icons	●
• Intuitive tactile interface for video sources distribution	●
• Audio/video 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	○/○
• Additional 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 —



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