



We make it visible.

## Videos as easy as taking a picture.

With MediLive® MindStream™ you can make, cut and edit digital videos, add commentaries and notes, and save them. Easily, and with the quality you expect from a Hollywood movie.

MediLive® MindStream™ – a system solution with easy-to-use software, intuitive user interface and high-resolution monitor all in one.

Record your examinations and procedures, non-stop – up to 120 hours. Simultaneously store data on your hard drive and DVD or CD-ROM – avoid time-consuming, after-the-fact processes. Find the most important sequences for your presentation quickly and extract them as digital video clips. Edit single video frames as digital pictures and save them in bitmap, TIFF or JPEG format. You can do all this and more with MediLive® MindStream™.



Would you like to quickly transfer your video clips and pictures to another computer? Simply store your data on a small, standard USB memory stick. Now your film fits into your pocket. Want to access your video data using

another computer in the hospital, or send it to another computer? Not a problem. MediLive® MindStream™ is being prepared for network capability. Want to continue using your trusted video camera? MediLive® MindStream™ is compatible with all PAL and NTSC video sources – regardless of the manufacturer.

Would you like to simplify your patient consultations? MediLive® MindStream™ allows you to highlight areas of interest and add written commentaries.

In short: MediLive® MindStream™ makes video and picture documentation simple, convincing and efficient. It is easier than ever.



## Intuitive operation.

No matter how you work, MediLive® MindStream™ is your perfect assistant. During examinations or procedures, you can operate MediLive® MindStream™ using the touchscreen, foot

switch, the hand grip on your surgical microscope or the function keys on the instrument. Enter information via the touchscreen or the integrated touchpad.



*Start.  
An overview of all functions.*

*Record.  
While recording, you can take  
pictures at any time.*

*Overview.  
The overview simplifies finding  
and selecting video sequences  
or single images.*



*Edit video.  
This is what the monitor looks like  
when videos are edited. To the left you  
can see the extracted, finished video  
sequences.*

*Save.  
Your movie is ready for its premier.*

# Easier than ever.

Presentations to your colleagues and students, as well as patient consultations, are easier than before.

MediLive® MindStream™ understands your input. It automatically cuts and copies the selected sequences – during the operation. Advantage: no more cumbersome searching through hours of footage. All your sequences retain their Hollywood quality – even after repeated editing.

Something else: you're in the OR and would like to have a look at archived images. No problem! Digital images and videos can be easily loaded or stored to MediLive® MindStream™ from a CD, DVD or USB memory device and vice-versa.

With the new DICOM\* module, MediLive® MindStream™ connects you to the hospital network: a simple push of a button stores and retrieves your images centrally on the hospital's DICOM server.

MediLive® MindStream™ works with all surgical microscopes, endoscopes and video sources, all functions are right at your fingertips.

Witness the power of MediLive® MindStream™ today! Engineered with the future in mind.



\* option under development, not yet available

*Illustration: Department of Ophthalmology,  
Johannes Gutenberg University, Mainz, Germany*



# The studio.



## The base station

This is the heart of MediLive® MindStream™, which makes recording, editing, import and export of videos and images from examinations and procedures possible.

Connection options: the touchscreen, two monitors and up to three analog and two digital video sources can be connected to MediLive® MindStream™. Easily switch between the individual cameras at the push of a button or from the endoscope camera to the surgical microscope and back again.

Videos are ready to use in an instant with the semi-automatic or fully-automatic editing function. Control MediLive® MindStream™ via the integrated touchpad, the OPMI® hand grip, the foot control panel or the foot switch.



## Options

1. The touchscreen. Operate MediLive® MindStream™ by tapping the menu options on the monitor. Also available: table, wall or mobile stands for the touchscreen and the MediLive® MindStream™ base station.
2. The DICOM\* module. Connecting you to the hospital network. Patient demographics and image data can be easily retrieved from the DICOM server to MediLive® MindStream™. In addition, Visible Light images generated with MediLive® MindStream™ can be archived on the server with a simple push of a button.



\* option under development, not yet available

**Take five  
minutes to fall in love.**



No CD?  
Contact us to order your  
own personal copy.

## Video

Video signal	PAL and NTSC
Analog video inputs	3 x Y/C (S-Video) and composite (BNC)
Analog video outputs	Y/C (S-Video) and composite (BNC) 1 x current video input signal 1 x control monitor

## Storage media DVD/CD

DVD+R, DVD-R, DVD+RW, DVD-RW, CD-R  
Recommended: DVD-R

## USB memory devices

USB stick USB 2.0

## Video recording format

Video bit rate (compressed)	2/6/9 Mbit/sec
Encoding	MPEG2
Image format	JPEG, TIFF and BMP
Recording length/storage	Hard drive up to 120 hours
Capacity	DVD up to 5 hours CD up to 42 minutes USB stick (512 MB) up to 30 minutes

## Network

Ethernet 10/100Base-TX (RJ-45)  
(Functionality will be supported together with the DICOM module.)

## EMC requirements

IEC 60601-2 class A

## Dimensions and weight

Dimensions	320 mm x 160 mm x 450 mm 12.59 in. x 6.29 in. x 17.7 in. (W x H x L)
Weight	12.8 kg (28.2 lbs)
Voltage	100 V/230 V, 50 Hz/60 Hz
Power consumption	250 W

## 15" Touchscreen (Option)

Dimensions	445 mm x 355 mm x 120 mm 17.5 in. x 13.9 in. x 4.7 in. (W x H x L)
Weight	7.4 kg (17.4 lbs.)
Resolution	1024 x 768 pixels
Suspension	Table stand, wall mount, floor stand

## Compliance

DIN EN ISO 9001  
DIN EN ISO 13485  
DIN EN 60601-1



MediLive® MindStream™ is not intended for diagnostic or therapeutic use.

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