

OPMI Pentero Software Version 2

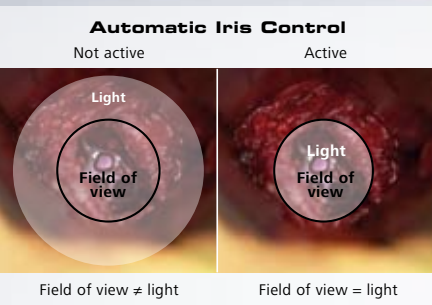


Light Management and Safety Function

Light management convenience at the touch of a button. The **automatic iris control** function limits the illumination to the observed field of view. This function helps to prevent inadvertent light exposure and overheating to the surrounding tissue.

For every surgical situation the **automatic zoom link function** ensures an optimum balance between light exposure to the tissue and bright visual experience for the surgeon.

Set your **own light level**. The surgeon will be informed as soon as the personal threshold is exceeded.



Optimized Mouth Switch Control

Experience effortless microscope head movement and repositioning – all without using the handgrip.

The **simultaneous use** of the mouth switch and motorized XY adjustment via footswitch allows planar and tilt movements of the microscope head enhancing the user experience and procedural flow.

Magnetic **brake response time** and system balancing **fine adjustment** features have been optimized for precise microscope head movement and maneuverability. Mouth switch control and microscope movement at its best.



DICOM - On Demand Network Connectivity

Document, download, save and exchange images and **video sequences in the DICOM format** between OPMI® Pentero®, OPMI® Pentero® C and MediLive® MindStream™ and the hospital's PACS*. Astreamlined patient data flow, fast and simple, during and after surgery.

Video and images are directly **linked to** the demographic **patient data** file in the network or when stored on a CD, DVD or USB memory device facilitating data access quickly and effectively. All patient information is available on-demand at the push of a button.

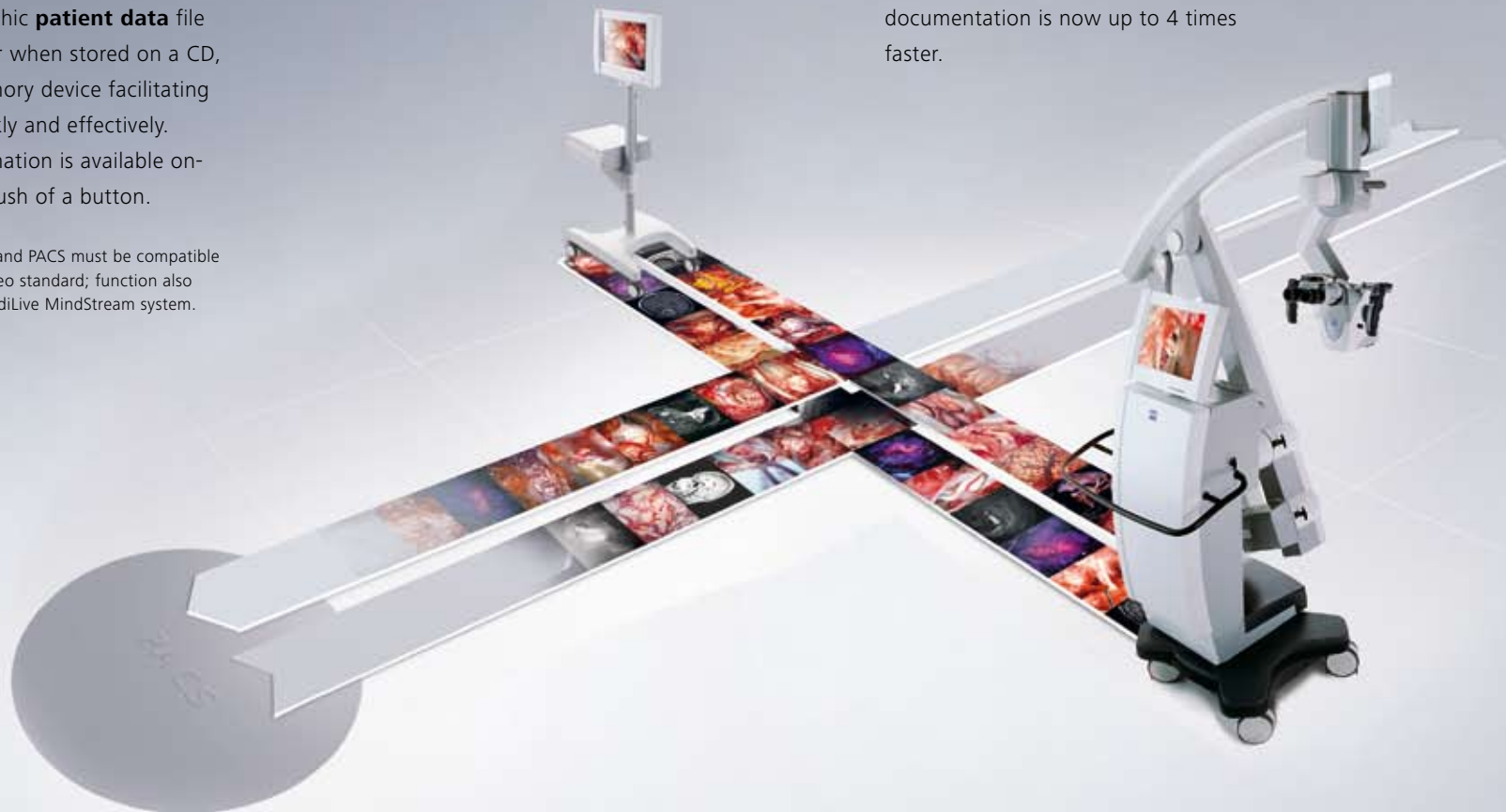
* The patient archive and PACS must be compatible with the DICOM video standard; function also available for the MediLive MindStream system.

Patient Data Management - Faster and More Secure

Searching for desired patient data files is simple with the **intuitive sort and filter functions**. Patient files can be sorted by name, date, data size and filtered by surgeon name.

Archiving the selected patient data is faster than ever. With the **improved system archive function**, DVD digital documentation is now up to 4 times faster.

Conveniently control and determine data security levels. The enhanced **data protection** function offers additional security capabilities preventing unauthorized copying or deletion of patient files. This data management security feature also enables export of patient data files ensuring patient anonymity.



Enhancing the User Experience

Record videos and simultaneous audio in the OR for easy export and playback. No intensive post-editing is necessary. Live audio comments at the touch of a button.

The new **auto balance function** interface introduces a more intuitive graphical guide for a more precise balancing of the system. The fine-tuning balancing capability enables the surgeon to adjust system feel even after draping of the system. Mouthswitch users can also tune microscope head fine movement intra-operatively as needed.

Individual user **interface enhancements** facilitate a customized user-driven experience. Available in 10 different languages, the system menu enables the user to define regional time and date settings reflecting daylight savings time changes.

User restricted access settings such as camera color rendition can now be modified to user preferences by trained hospital personnel.



Advanced user defined settings

INFRARED 800 – See more

Visualize, check and interpret intraoperative blood flow quickly and effectively. The essentials of neurosurgery. Improved INFRARED 800 video playback for fluorescence-based video angiography enables a precise evaluation in every second of the flow phase through the slow motion functionality. Easy and intuitive.

Advanced navigation interface

The new robotic movement simplifies the workflow due to the streamlined interaction between the navigation system and OPMI Pentero. The view through the microscope is automatically centered where the IGS instruments point without having to manually reposition the microscope.*

* Depends on the availability of IGS system function

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