



Go HD

and be one step ahead in medical digital recording

Living up to Life

Leica
MICROSYSTEMS

Standard Definition

For years, Standard Definition / High Resolution used to be state-of-the-art in medical imaging. The rising demand to instantly share and document firsthand optical observations during surgical procedures necessitates the very best image quality, for which Leica Microsystems has developed an amazing solution.

Discover the new High Definition Platform for medical imaging – and stay on the **right side** of the image.



See the Difference



High Definition (HD) Platform

The HD Platform available exclusively by Leica Microsystems offers you the following benefits:



Crisp, brilliant and detailed images



Lifelike 3D imaging



Increased depth of field

for recording and visualization during surgery,
teaching and presentations.

Technical Data

Leica High Definition Platform

HD-Recording System: Med X Change "HDMD"	
Processor	PC Intel Pentium Core Duo Processor
Storage	160 GB Hard Drive, 7200 rpm
Memory	1 GB DDR2 RAM
Burner	8 dual layer DVD-R / CD-R / RW
Microphone	Built-in front / rear microphone jack
High definition video connections	1x HDMI (Input), 1x HDMI (Output)
Standard definition video connections	1x S-Video (Input), 2x Composite (Input)
Video compression	MPEG-4
Dual monitor outputs	For connecting two monitors
USB connections	2x Front, 4x Back
DICOM compatible	Optional: Conversion of images and videos to DICOM format

HC-LCD Monitor 24"	
Panel size	24 inch (diagonal)
Pixel resolution	Full HD: 1920 x 1200 (native)
Contrast ratio	1000:1 (typical)
Connection	HDMI, VGA, DVI-D

HD-Camera System	
Video format	1080i, 1080p, 720p, 480p, 480i, 50Hz supported
Pick-up device	Three 1/3"-type progressive CCDs
Analog video output	Y Pb Pr, RGB (HD or SD selectable), S-Video
Digital video output	HDMI
Lens mount	C-Mount

Compatibility with Operating Microscopes	
Fully integrated system	Leica M720 OH5, Leica M525 OH4
Stand alone system (photo: front cover)	All other surgical microscopes by Leica Microsystems

Conformity	
Guideline 93/42/EEC for medical products. Classification: Class I, in compliance with appendix IX, rule 1, with reference to rule 12 of the directive. Medical Electrical Equipment, Part 1: General Requirements for Safety IEC 60601-1; EN 60601-1; UL60601-1; CAN/CSA-C22.2 NO. 601.1-M90. Electromagnetic compatibility IEC 60601-1-2; EN 60601-1-2. Leica Microsystems (Schweiz) AG holds the management system certificates for the international standards ISO 9001 / ISO 13485 and ISO 14001 relating to quality management, quality assurance and environmental management. IEC/EN 60825-1 Safety of laser devices.	



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Wireless transfer of high-quality HD videos and still images of surgical cases from the HDMD™ recording system to an Apple® iPhone™, iPod touch™ or iPad™ with Med X Mobile, available at the Apple® App Store.

www.leica-microsystems.com



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