Technical Details

SPECTRALIS® supports the following DICOM SOP Classes as an SCU:

- Modality Worklist Information Model
- Encapsulated PDF Storage
- Ophthalmic Photography 8-Bit Image Storage
- Ophthalmic Tomography Image Storage
- Verification Service Class

For details, please refer to the DICOM Conformance Statement and IHE Integration Statement for SPECTRALIS.

Requirements

SPECTRALIS/HRA Operating System: Minimum: Windows® XP, Recommended: Windows 7
External Systems: Minimum: compatible DICOM viewer, Recommended: compatible PACS and/or EHR system

*Reports generated in the RegionFinder™ module are currently not supported.

For information about how SPECTRALIS can fit into your specific DICOM workflow, please contact your local distributor or visit www.HeidelbergEngineering.com

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SPECTRALIS® Speaks DICOM
Bringing Out the Best in Your Workflow

Why DICOM?
When all instruments and systems in your practice speak the same language, the exchange of data and images becomes effortless. DICOM is just this language—an industry standard, which opens up the doors to a world of potential for your imaging workflow.

The driving force behind the DICOM standard is the growing demand from healthcare providers for:

- Seamless interfaces between instruments and systems from different manufacturers
- Fluid data and image exchange in real time
- Centralized review and management of images from all instruments
- Filmless and paperless hospital environments
- Quality control and traceability throughout the entire workflow

SPECTRALIS Blends Right In
By joining the large community of DICOM-compliant devices, SPECTRALIS now seamlessly adapts to your practice’s DICOM workflow. Since SPECTRALIS utilizes the great potential of the DICOM standard, you will be able to:

- View the modality worklist and import patient records without manual data entry
- Send SPECTRALIS images and reports to your PACS for storage and review
- Incorporate existing SPECTRALIS exams into your workflow thanks to backward compatibility
- Convert images from third-party instruments into DICOM format
- Protect your patient database from duplicate records and mismatches
- Be compliant with the IHE guidelines for clinical information management

Implementation Made Easy
The DICOM Interface for SPECTRALIS was designed to make implementation and day-to-day use very easy and straightforward.

The DICOM package comes with a detailed preparation guide and comprehensive user documentation to leave no questions unanswered.

Sample DICOM images are available to allow your IT personnel to test compatibility with your system before purchase.

Not Quite Ready for a DICOM Workflow Yet? Bridge the Gap.
It does not require a full-size EHR or PACS to take advantage of the DICOM Interface for SPECTRALIS. Today, you can find a variety of basic DICOM viewers available, including free software for PC, Mac® and tablets like the iPad.®

These viewers utilize the DICOM standard to receive and display images from compatible instruments and thus allow you to view images remotely or even through the Internet.

Ask your IT personnel to explore the options that meet your needs for SPECTRALIS image review.
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