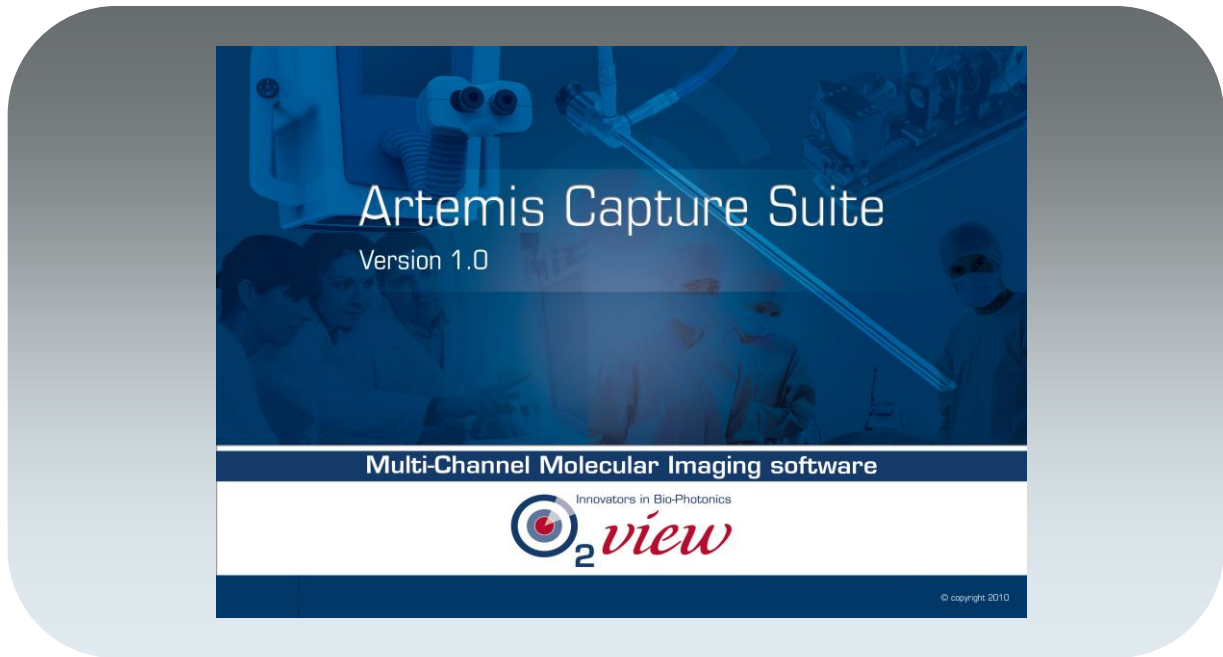




Technical Data

ArteMIS Capture Suite



“ArteMIS Capture Suite: On the fly Capturing, Displaying, Analyzing and Manipulating Multi-spectral Images”

ArteMIS Capture Suite: is an image-acquisition and manipulation program designed with a focus on multi-spectral and multi-channel images. It supports images captured by the ArteMIS camera and allows you to visualize all channels at the same time.

Image Viewer: Enabling a quick view of image streams from the ArteMIS Handheld camera or images loaded from file:

- View live-stream from camera
- View image files from disk
- Create full-color or false-color images from separate channels

Image recorder: For storage of multi-spectral (multi-channel) image streams from the ArteMIS Hand Held camera to files:

- Save live-streams from camera to disk, including settings
- Save full-color or false-color images
- Support for multi-channel images
- Choose between full streams or stop after a set number of frames
- Limits the frame rate by skipping images or with a timer

Image converter: Is used to convert between image file types, to split image streams in separate channels and to obtain a sub-range from larger image sequences:

- Convert between image (file) types
- Split channels of an image
- Split streams into separate frames

Operator viewer: Application to quickly view and analyze the result of image operators (algorithms).

- **Runs on the ArteMIS Media Center**
- **Powerful, flexible and innovative proprietary vision software for image processing applications**
- **Supports and displays individual or merged multi-channel images**
- **Image conversion (*.bmp; *.jpeg; *.jpg; *.png; *.tif; *.tiff)**
- **Multiple settings image viewer from camera or file**
- **Records images in multiple formats**
- **Runs one or more applications at the same time**
- **Plug-in support**



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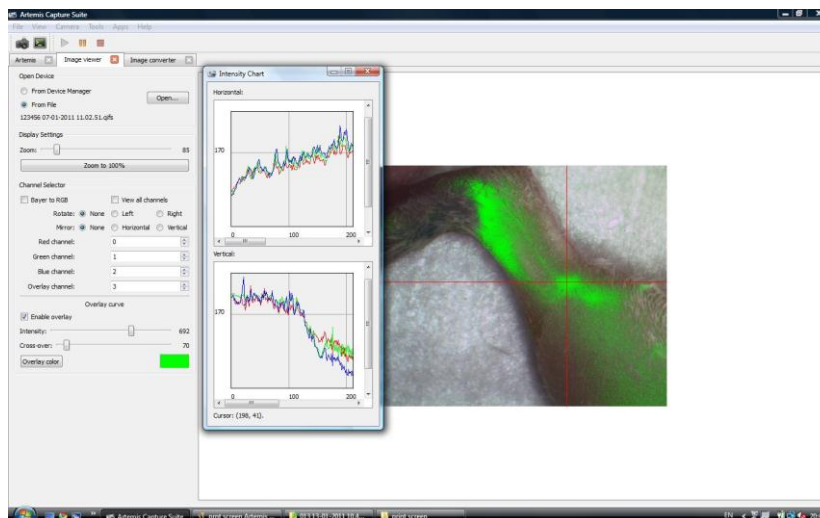


MD 553312



ISO 13485
MD 553312

Technical Data



Artemis Capture Suite – Example of Image Viewer functionality displaying control panel with menu bar, toolbar and application area, intensity chart pop-up and merged color / NIR image

Article number	Art-CS
Runs on	Artemis Media Center
Supports	Artemis Handheld Camera
Supports and displays	<ul style="list-style-type: none"> Individual channels or merged multispectral image sequences frames combined or frames per channel
Key algorithms	<ul style="list-style-type: none"> Fluorescence overlay Plug-in support Image conversion Image viewer with multiple settings Record images in multiple formats

Serial communication	Supports the Artemis Handheld camera and Artemis 5-ch cameras
Image conversion	*.bmp; *.jpeg; *.jpg; *.png; *.tif; *.tiff
Traceability	<ul style="list-style-type: none"> Patient identity Software settings
Supportive algorithms	<ul style="list-style-type: none"> Rotate / mirror 1% - 800% zoom Frame count and interval Overlay color; intensity; cross over Gain Exposure time Intensity chart Histogram Detach recorded images

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