

Capture the Resolution



SDC HD

Revolutionizing Surgical Documentation

Stryker Digital Capture System

The High Definition Stryker Digital Capture system (SDC HD) is the newest member of our digital capture line. The system is designed to capture and route High Definition images from our 1088 camera while maintaining backwards compatibility by supporting both NTSC and high resolution video. In addition, the SDC HD provides a myriad of other features that allow surgeons to document their cases faster, and on more types of media, than ever before.



Supports USB 2.0

The SDC HD has a USB 2.0 connection that allows high speed data transfer to a variety of media types. Stryker provides optional USB devices to use with the SDC HD.



USB Hard Drive

This 20 gigabyte portable hard drive allows users to archive multiple patients and hours of video.



Media Card Reader

Use this to download images or video to a variety of PDAs. This card reader supports Memory Stick, Multi Media Cards (MMC) and Serial Digital (SD) cards. All three ship with the reader and hold 128 megabytes each.



USB Flash Card

Flash cards have gained popularity recently due to their small size and portability. With 512 megabytes of memory, a user can store hundreds of images, or almost 3 hours of MPEG-4 video.

Increased Flexibility

Supports multiple formats

The SDC HD can burn images and video to CD and DVD. However, unlike systems of the past, the SDC HD supports multiple types of DVDs including DVD+R, DVD+RW and DVD-R. This allows for compatibility between various types of DVD drives.



Decrease the numbers of discs in the office by writing multiple times to a single DVD

Images can be saved as Bitmaps, JPEGs, JPEG 2Ks, TIFFs, TGAs or PNG files

Encode video in an MPEG-1, MPEG-2, MPEG-4, or AVI formats

Print Directly to an Inkjet Printer



Images printed on 8 1/2 x 11 paper

Automatically print 1, 2, 4, 8, 12 or 18 images per page

Patient data, surgical data can be placed directly on the printout

Expanded Features

Burn to a DVD as you are recording thereby reducing down time between cases.

Capture still images without interrupting video recording

Retrieve patient files from a disc, a USB drive or the SDC HD itself so that images can be conveniently re-printed

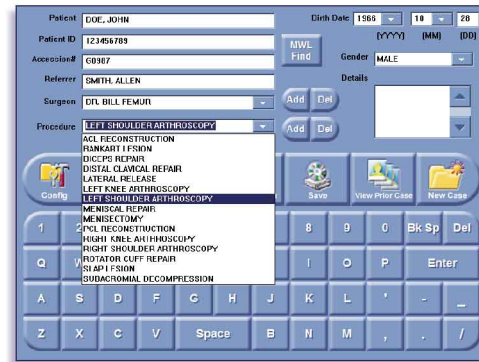
Patient information is encrypted to allow the facility to maintain confidentiality

Write MPEG files in a Data or Video format.

Use a standard microphone and record audio as part of your MPEG video

Dictate separate audio files

Text input made easy



The SDC HD's touchscreen provides a convenient way to enter patient information. This coupled with our drop down screens allows users to eliminate a great deal of typing, thus saving valuable O.R. time and increased accuracy.

Label images and video quickly & easily



Provides a printout with images annotated with the appropriate description

Search and archive images or videos by their description

Increased Portability



The USB 2.0 connection used in conjunction with our multi-card reader, allows surgeons to write images and videos directly to their PDA. This technology provides a convenient way to access information, educate patients and transfer data directly to the office computer.

Software Technology

Desktop Pro

This easy to use software package is designed to organize and edit images and videos acquired with our SDC line of products.

Edit MPEG1 & MPEG2 Videos

Edit videos to highlight relevant data

Sew multiple clips together to form a seamless video

Pause video and store frame as a bitmap

Add titles to video clips

Search Features

Search stored images by annotation, procedure, date, etc.

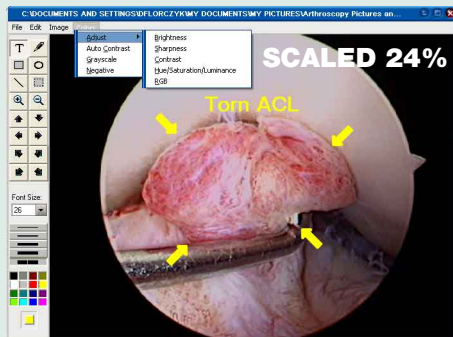
Allows the user to organize and store video clips and images in appropriate files

Edit Still Images

Digitally adjust stills using image control functions

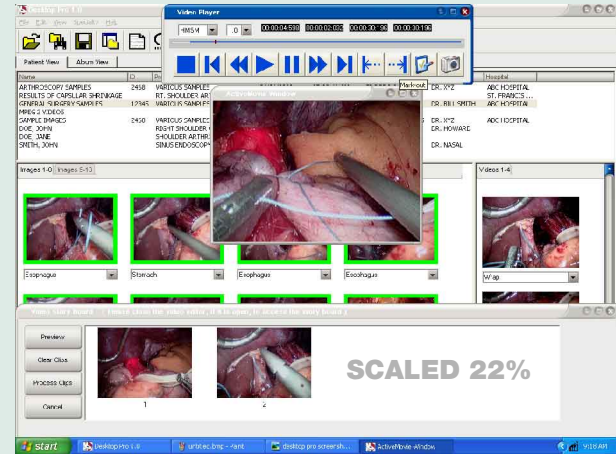
Copy images directly into other software applications (i.e. PowerPoint®)*

Label images using a variety of editing tools



Printing Made Easy

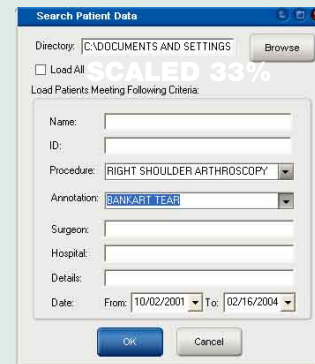
Select the images you want and the number of pictures per page and Desktop Pro does the rest.



Viewing Options

Sort information by patient name, ID number, procedure, date, etc.

Patient information is automatically de-crypted



Annotate Images & Video

Custom tailored drop down screens allow for quick and easy labeling



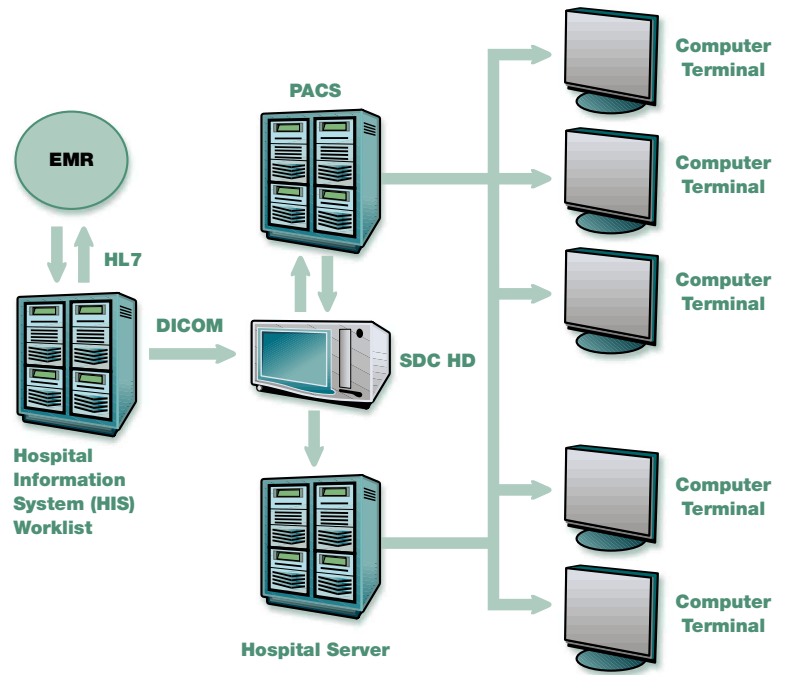
*PowerPoint is a registered trademark of Microsoft Corporation

The Power of Networking

The SDC HD can capture and store images in a DICOM format. These images can be archived directly to a PACS (Picture Archiving Communication System) server allowing them to be accessed along with other radiology images.

The SDC HD can search the hospital's worklist server in order to populate its data fields with the appropriate patient demographics.

SDC HD allows you to retrieve radiology images from a PACS server. These images can be displayed in the surgical field.



Supports CINE, TILE and single image formats

Displays images in a UXGA format (1600 x 1200)

Product

Ordering information

SDC HD	SYSTEM SPECIFICATIONS
Video Inputs/Outputs:	SXGA, DVI, XGA, S-Video, BNC
Dimensions:	7.85"(h) x 17.25"(d) x 12.5"(w)
Weight:	24 lbs
Power Requirements:	AC 120V-240V, 50/60Hz
Power Consumption:	300W
Video Formats:	NTSC/PAL
Disc Formats:	DVD+R, DVD+RW, DVD-R, CD-R
Still Image Format:	JPEG, Bitmap, JPEG 2K, PNG, TIFF, TARGA
Still Image Resolution:	1280 x 1024 1024 x 768 640 x 480
Video Recording Format:	MPEG-1 = 320 x 240 MPEG-2 = 640 x 480 (data), 720 x 480 (video) MPEG-4 = 320 x 240
Network:	10/100Base-T-Ethernet
Audio Input:	Stereo

ORDERING INFO.	PRODUCTS
240-050-888	SDC HD Capture Device
240-050-890	SDC HD Capture Device w/ printer INCLUDES: SDC HD, HP inkjet printer, printer cable, 50 sheets of photo paper, ink cartridges, 10 CDs, 1 DVD
240-050-891	SDC HD Multi-card reader w/ media INCLUDES: Multi-card reader, Compact Flash card, Multi-media card, memory Stick (all 128Mb)
240-050-892	SDC HD USB 2.0 Hard Drive, 20GB
240-050-893	SDC HD USB 2.0 Flash Drive, 512MB
240-050-897	Enhanced video encoding package
240-050-901	DICOM upgrade for SDC HD

SDC Pro 2 CD	SYSTEM SPECIFICATIONS
Video Inputs/Outputs:	S-Video, BNC, SDI
Dimensions:	5.14"(h) x 16.6"(d) x 15.9"(w)
Weight:	15 lbs
Power Requirements:	AC 120V-240V, 50/60Hz
Power Consumption:	45W
Video Formats:	NTSC/PAL
Disc Formats:	CD-R, CD-RW
Still Image Format:	JPEG, Bitmap
Still Image Resolution:	640 x 480
Video Recording Format:	MPEG-1 = 320 x 240 MPEG-2 = 640 x 480
Network:	10/100Base-T- Ethernet
Audio Input:	Stereo

ORDERING INFO.	PRODUCTS
240-050-800	SDC Pro CD Capture Device
240-050-825	SDC Pro CD w/ printer INCLUDES: SDC Pro 2, inkjet printer, printer cable, ink cartridges, 10 CDs 50 sheets of photo paper
240-050-860	DICOM Upgrade Kit for SDC Pro 2
240-050-865	Powerstream Activation kit (Pro 2)
240-050-851	Powerstream Receiver Software (Pro 2)

MEDIA/ACCESSORIES	PRODUCTS
240-050-815	Desktop Pro Software
240-050-707	Image Pro Software
240-050-811	DVD+RW (quantity 10)
240-050-894	DVD-R (quantity 10)
240-050-895	DVD+R (quantity 10)
240-050-704	CD-R (quantity 10)
240-050-716	Glossy Paper (quantity 60)
240-050-717	Photo Paper (quantity 50)
240-050-702	Ink Jet Paper (quantity 500)
240-050-712	Printer Cartridges (1 color, 1 black)



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