

Evolution of HD Technology

- Vision Elect™
HD & HDTV Flat Panel Monitors
- 1188 HD 3-Chip® Camera
- X8000 Lightsource
- SDC Ultra Digital Capture
- SIDNE® Suite



Simplifying Today's OR

As medical video technology continues to evolve and the visual demands of today's operating room increase, Stryker has once again responded by raising the bar with the evolution of HD technology – Stryker's second-generation of high definition (HD) video products.

This new visualization platform features the 1188 HD 3-Chip® Camera, X8000 Lightsource and Vision Elect™ HD and HDTV Flat Panel Monitors. This HD platform coupled with the SDC Ultra Digital Capture, and SIDNE® Device Control Systems, offer hospitals an unparalleled and incredibly innovative video system which delivers exceptional results that will help surgical teams provide the best in patient care.



Restructuring High Definition

Vision Elect™ HD and HDTV Flat Panel Monitors

Designed specifically for the surgical environment, the Vision Elect™ HD and HDTV Flat Panel Monitors are the ideal complement to the 1188 HD Camera, offering exceptional video quality in a spacious 21-inch and 26-inch display. The Vision Elect™ HD and HDTV combine versatility with a brilliant picture to provide precise, lifelike images in the OR.



1188 HD 3-Chip® Camera

The 1188 HD, Stryker's second-generation high definition 3-Chip® camera, delivers unsurpassed resolution and optical clarity to the OR. The 1188 HD features 1280 x 1024 native output for high definition video, 10-bit digital processing for improved resolution and increased intraoperative brightness. These features merge with direct fiber optical outputs and intuitive user controls, which make the 1188 HD the new standard by which all other medical cameras will be measured.



X8000 Lightsource

The X8000 Lightsource represents the next generation of illumination in the OR. An ideal complement to the 1188 HD Camera, the X8000 illuminates the surgical site with a clean, pure light that enables high definition cameras to capture the most subtle contrasts and hues of the human anatomy.



SDC Ultra

The SDC Ultra High Definition Information Management system provides cutting edge features and versatility to the Operating Room. Perfect for education and teaching purposes, the SDC Ultra captures both images and videos in Native Resolution High Definition. The Ultra supports dual channel video inputs, as well as the ability to save/archive information to multiple types of external media, including the 250 GB internal hard drive.



SIDNE® Suite

Ideal for the I-Suite® environment, SIDNE® Suite specifically provides system integration for device control. This intuitive system makes it possible to utilize device control functionality from a centralized station within the OR.



The Clear Choice

for HD Visualization

Vision Elect™ HD and HDTV Platform

Today's imaging technology offers OR personnel unprecedented visibility into the human anatomy and such advances demand high definition monitors with superior output. Stryker now offers complete flexibility by displaying both HD and HDTV formats. This high definition platform continues to deliver unsurpassed resolution, brightness, and optical clarity through one camera system. The 1188 HD camera, flat panel monitors, combined with the SDC ultra high definition capture device, provide cutting edge technology and exceptional results in today's operating room.

Features & Benefits:

- HD and HDTV native outputs
- Progressive Scan Displays
- Lightweight displays for superior flexibility
- New ergonomic interface allows consistent operation under any OR condition
- Digital & analog inputs for seamless integration with any existing system

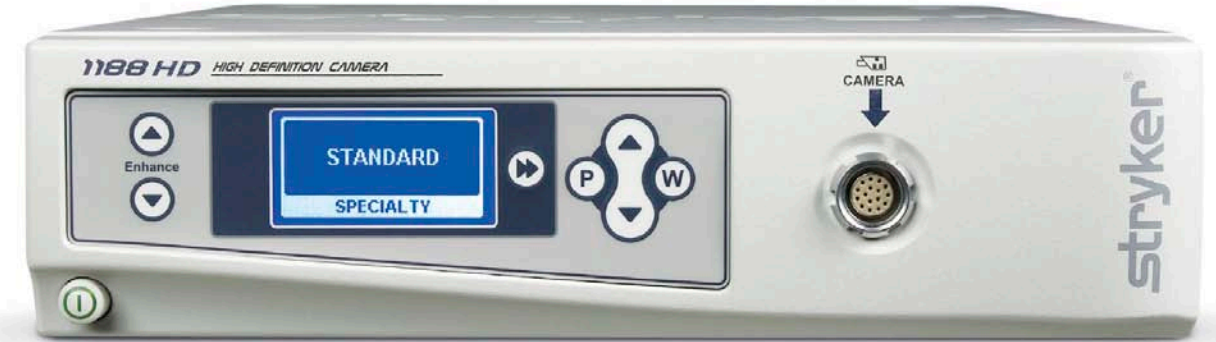


The Evolution

of High Definition Technology

1188 HD 3-Chip® Camera

Stryker pioneered the first high definition digital camera, an advance that revolutionized the minimally invasive surgical market. Now the bar has been raised again with the advent of the 1188 HD Camera, the next evolution of Stryker 3-Chip® HD Cameras. The 1188 HD offers superior picture quality, enhanced clarity, and more intuitive user controls. Surgical teams will experience unprecedented visibility during endoscopic procedures — visibility that can elevate overall surgical and patient outcomes.



Unparalleled Resolution

And Clarity for the O.R.

Features:

- High Definition video with 1280 x 1024 native output
- Progressive Scan Technology
- 10 bit digital processing for optimal clarity
- Direct fiber optical outputs
- Increased Intraoperative brightness for improved resolution
- 9 specialty settings enables surgical standardization
- Seamless integration with existing video equipment



Intuitive camera control with self illuminating button



Durable aluminum coupler with single-handed focusing design



Ergonomic cable connector for reliable connection

1188 HD 3-Chip® Camera Heads

High Definition Standardization

1188 HD 3-Chip® Camera Head

- Standard cable design for multi-specialty use
- Textured finish for secure handling
- Ergonomic, lightweight design for minimally invasive surgery
- Camera button offers 6 functions for complete surgeon control



1188 HD Inline 3-Chip® Camera Head

- Parallel cable output ideal for Endoscopic Vein Harvesting
- Cable allows for easier connection to microscope
- Ergonomic design for surgeon preference
- Camera button offers 6 functions for complete surgeon control



1188 HD Urology 3-Chip® Camera Head

- 90° cable design ideal for Urology & ENT cases
- Rotating integrated coupler
- Built-in beam splitter provides direct eye viewing
- Camera button offers 4 functions for surgeon control



Light

Unlike Ever Before

X8000 Lightsource

The X8000 Lightsource complements the Stryker 1188 HD Camera by enhancing its picture with clean, pure light that enables Stryker's high definition video equipment to capture the most brilliant and detailed visualization in the surgical market today. The X8000 is powered by a 300-watt xenon elliptical bulb and features Align-Lock™ technology with an improved user interface.



Features:

- 300-watt xenon elliptical bulb
- Simplified user interface with visible LCD screen
- Pure, clean light for vibrant color reproduction
- Align-Lock™ technology ensures maximum light output at all times
- Improved single-handed insertion mechanism
- Consistent inaudible operation in both run and standby modes
- Electronic Scope Sensing Technology (ESST) for improved patient safety



O.R. Standardization

The 1188 HD Camera System continues to offer true standardization within the Operating Room



Cutting Edge Technology

for the High Definition Operating Room



SDC Ultra

HD Information Management System



Native HD Video Capture

- Record surgical footage in Native HD Resolution
- Perfect for use in teaching, conferences, and presentations
- Unprecedented quality in surgical video



Redesigned Graphic User Interface

- Control the SDC Ultra from the LCD Touch Screen
- Intuitive, easy to use
- Icon Driven user interface



Dual Channel Input Support

- Input/Display two separate video signals
- Capture images and record videos on two separate channels, in synchronized mode, or in PIP format
- On-Screen Picture in Picture to display multiple video signals

SDC Ultra

The Final Piece to the Puzzle



Dual-Rotation Integrated Touchscreen

- Provide flexibility to O.R. workflow and design
- Dual Rotation Touchscreen for optimal visualization from any angle



Front-Load Patient Scheduling:

- Pre-load patient information for a day's worth of cases
- Easily select patient by convenient drop down menu in the capture screen
- Reduce time and effort between cases for surgical and nursing staff



Full Network Integration:

- Interface with Hospital PACS and FTP Networks
- Save and Retrieve case information from hospital networks/servers
- Auto-Populate patient information from hospital system for accurate medical records



Easily Customize Annotations, Specialty, & Procedure:

- Annotate images and videos from preloaded list in the album
- Organize annotations and case information by Specialty and Procedure
- Add customized procedures and annotations with one easy step



Archive:

- Archive every case with images and videos to the internal 250 GB Hard Drive
- Review, Reprint, and Resave case information from the archive
- Safeguard your hospital - Don't lose another important case

SIDNE® Suite...

The Ease of Integration

Simple Device Control

Ideal for the i-Suite® environment, SIDNE® Suite specifically provides touch panel integration for device control.

- Control from a centralized station within the i-Suite®
- Capable of additional methods of device control through voice activation and wireless tablet upgrades



SIDNE® Link...

The Freedom of Movement

Wireless Flexibility

SIDNE® Link is specifically designed for the unique needs of the cart market.

- Control from the completely wireless tablet's touch screen interface
- Capable of additional device control through voice activation upgrade

SIDNE® Voice...

The Essence of Control

Hands-Free Command of the OR

Hands free voice activation upgrades are available for both SIDNE® Suite and SIDNE® Link through the advancements in SIDNE® Voice. This modular piece brings flexibility to the OR with superior voice recognition to control surgical equipment from the sterile field.



Voice Recognition Technology

Using state-of-the-art voice recognition, SIDNE® eliminates the need for voice cards or voice training. Dual audio inputs allow two surgeons to use voice control simultaneously. In addition, SIDNE's superior video capability gives surgeons the ability to see text overlays while viewing high resolution video and analog signals.

Product Ordering Information

1188 HD Camera	Product Description
1188-010-000	1188 HD Camera Control Unit
1188-210-122	1188 HD Camera Head w/24mm Coupler, C-Mount, 45°/ 10ft Cable
1188-210-105	1188 HD Camera Head Only, C-Mount, 45°/ 10ft Cable
1188-710-122	1188 HD Inline Camera Head w/24mm Coupler, C-Mount, 0°/ 10ft Cable
1188-710-105	1188 HD Inline Camera Head Only, C-Mount, 0°/ 10ft Cable
1188-310-130	1188 HD Urology Camera Head w/Integrated Beamsplitter
1188-020-122	1188 HD 24mm Coupler, C-Mount
1188-000-020	1188 HD Camera 20ft Extension Cable

X8000 Lightsource	Product Description
220-200-000	X8000 Lightsource
220-201-000	X8000 Replacement Bulb, Xenon-300w

Vision Elect™ HD Monitor	Product Description
240-030-960	Vision Elect™ HDTV
240-030-961	Vision Elect™ HDTV Monitor Cover
240-030-950	Vision Elect™ HDTV Power Supply
240-030-930	Vision Elect™ HD flat panel monitor
240-030-935	Vision Elect™ Monitor Cover
240-030-931	Vision Elect™ HD power supply

SDC Ultra Digital Capture	Product Description
240-050-988	SDC Ultra Capture Device
240-050-990	SDC Ultra Capture Device w/ Printer* *(includes SDC Ultra, HP inkjet printer, printer cable, 50 sheets of photo paper, ink cartridges, 10 CDs, 1 DVD)
240-050-891	SDC Ultra Multi-card reader w/ media* *(includes Multi-card reader, Compact Flash card, Multi-media card, memory stick (all 128MB))
240-050-902	SDC Ultra USB 2.0 Hard Drive, 40 GB
240-050-893	SDC Ultra USB 2.0 Flash Drive, 512 MB
240-050-995	DICOM upgrade for SDC Ultra

SDC Ultra Media / Accessories	Product Description
240-050-805	Edit Elite™ 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)

SIDNE® Device Control	Product Description
240-020-901	SIDNE® Suite Berchtold
240-020-902	SIDNE® Suite Steris
240-020-903	SIDNE® Suite Stryker Visum 450/600
240-020-920	SIDNE® Link
240-020-912	SIDNE® Wireless Tablet Package
240-020-925	SIDNE® Voice
240-020-810	Standard Wireless Microphone System
240-020-811	Looped Wireless Microphone System

SIDNE® Edam's	Product Description
240-020-312	Sony UP5600/ 51 MDU-S Printer EDAM
240-020-704	Sony SVO 9500MD SVHS VCR EDAM
240-020-310	Mega Hi Printer EDAM
240-020-824	Valleylab ESU Driver (includes EDAM and device driver)

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