Revolutionary HD Technology

HD: End to End

- WiSe Wireless Platform
- 1288 HD 3-Chip Camera
- L9000 LED Light Source
- SIDNE Device Control
- SDC Ultra Digital Capture
- SDP1000 Medical Grade Printer
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 revolutionary HD technology—the first wireless technology on the market and Stryker’s third-generation of high definition (HD) video products. This new visualization platform features the WiSe Wireless Platform, 1288 HD 3-Chip Camera, and the L9000 LED Light Source. This revolutionary platform, coupled with the SDC Ultra Digital Capture and SIDNE Device Control Systems, offers hospitals an unparalleled and incredibly innovative video system which delivers exceptional results that will help surgical teams provide the best in patient care.
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 High Definition Resolution. 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.

SPD1000
The Stryker SPD1000 is a medical-grade digital printer designed specifically for applications where image, quality, durability, and accurate color reproduction are essential. With the combination of a 301 dpi thermal head and a built-in protective lamination feature, the SPD1000 creates durable, printed images in full HD resolution. The roll-type media utilized by the SPD1000 ensures consistent color reproduction and eliminates the use of ink cartridges. The unique paper delivery system greatly reduces jams and has the option to print Letter and A4 sizes. The front-loading tray allows for convenient access to the paper and ink rolls, minimizing the amount of space necessary for the placement of the SPD1000.
Wireless Technology

The Clear Choice for HD Visualization

WiSe HDTV Surgical Display

Stryker builds upon its visualization expertise with the WiSe HDTV Flat Panel Monitor, the first wireless 1080p flat panel in the medical field. WiSe HDTV brings revolutionary technological advancement and financial benefits to the OR. Uncompressed HD is transmitted wirelessly to eliminate cable clutter and potential costly repairs to traditional flat panels. WiSe HDTV will deliver optimal surgical images with unsurpassed resolution, brightness, and optical clarity.

Features & Benefits:

- **1st Wireless 1080p Flat Panel Monitor in the Medical Device Industry with FDA 510(k) clearance**
- **26” high definition display provides bright and clear surgical footage**
- **Freedom to move the flat panel anywhere within the OR**
- **Ergonomic user interface allows consistent operation under any OR condition**
- **Multiple video inputs: DVI, VGA, HD/SD-SDI, C-Video/SOG, S-Video, Component, Optical (optional)**
Wireless 1080p

**WiSe HDTV Transmitter**

The WiSe HDTV Transmitter is the core of Stryker’s groundbreaking wireless 1080p video transmission platform. Combined with the WiSe HDTV Flat Panel Monitor, uncompressed 1080p video signals can be displayed wirelessly virtually anywhere within the OR. WiSe Token Keys create unique codes between monitors and transmitters to protect wireless signal quality from interference with other OR devices. This simplistic linking process provides secure and exclusive wireless video transmission channels.

### Features & Benefits:

- Wireless 1080p HDTV resolution
- Simple linking system for wireless video transmission to a total of 3 WiSe HDTV Flat Panel Monitors
- Increased visualization freedom
- 24 available channels
- Increases i-Suite applications
- Pre-Scan avoids Wi-Fi
- Eliminates need for costly traditional cables
The Evolution
of High Definition Technology

1288 HD 3-Chip Camera
As the third generation in Stryker’s HD 3-Chip camera line, the 1288 HD 3-Chip Camera features a 1920x1080p resolution along with nine specialty settings, resulting in optimum color resolution and brightness. Additional benefits of the 1288 HD 3-Chip Camera include wireless transmission capabilities, four fully programmable buttons on the camera head, HD and HDTV outputs, and a touch screen LCD interface for easy navigation. By allowing for backwards compatibility with past generation digital capture devices, scopes and various flat panels, while also offering future capabilities with an optional fiber optic board, the 1288 HD 3-Chip Camera continues to offer new solutions for improved visualization within the OR.

Unparalleled Resolution
And Clarity for the OR

Features:
- 1920 x 1080p resolution
- Enhanced clarity, depth of focus and sharpness
- L9000 light source control from the camera head
- Intuitive touch screen LCD interface
1288 HD 3-Chip Camera Heads
High Definition Standardization

1288 HD Urology 3-Chip Camera Head
- 90° cable design for Urology, Gynecology & ENT procedures
- Rotating integrated 16.5mm coupler
- Ergonomic and light weight design

1288 HD Regular Camera Head
- Ergonomic design for multi-specialty use
- Easy to rotate 20mm coupler design
- Fully programmable four buttons

1288 HD Inline 3-Chip Camera Head
- Optimum design for Endoscopic Vein Harvesting
- Fully programmable 4 buttons
- Easy to rotate 20mm coupler
Light

Unlike Ever Before

L9000 LED Light Source

Now an eco-friendly and cost-savings OR device, the L9000 LED Light Source reduces the environmental waste by eliminating the need to change the LED light bulb. The new design and Safelight technology within this light source provides a cooler light emission during procedures, making the device safer and more efficient for both the patients and OR staff. As an added benefit, the Safelight technology ensures that the light source goes into standby mode when the light cable detaches from the Safelight, preventing potential injury to the patient and providing added protection in the OR.

Features:
- Intuitive simple user interface with LCD touch screen
- Control from the 1288 camera head
- Reduced lifetime ownership cost
- Designed to increase patient and OR safety with Safelight cable
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.

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

SIDNE Voice…
The Essence of Control

Hands-Free Command of the OR
Hands free voice activation upgrades are available for both SIDNE Suite and 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 signal.
**SDC Ultra**
**HD Information Management System**

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

**Redesigned GUI**
- 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

**Dual-Rotation Integrated Touchscreen**
- Provide flexibility to OR workflow and design
- Dual Rotation Touchscreen for optimal visualization from any angle
Cutting Edge Technology
for the High Definition Operating Room

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
• Electronic 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

Medical Grade
Digital Printer

SDP1000
The Stryker SDP1000 is designed specifically for applications where image quality, durability, and accurate color reproduction are essential. With the combination of a 301 dpi thermal head and a built-in protective lamination feature, the SDP1000 creates durable, printed images in full HD resolution.

Features:
• Accurate and consistent color reproduction with dye sublimation technology
• Self-laminating roll media—resistant to light, heat, water, and fingerprints
• User-friendly front loading tray
• Low Paper/Ink Indicator
• Designed for compatibility with current Stryker Digital Capture Devices
The information presented in this brochure is intended to demonstrate a Stryker product. Always refer to the package insert, product label and/or user instructions before using any Stryker product. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

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