# IMAGE STREAM MEDICAL

# nCare™ MX V9.0

## Create visual records effortlessly

nCare MX is a mobile recording system that can capture high-resolution images and video from up to two surgical imaging devices simultaneously. Using the same robust technology that is available in Image Stream Medical's sophisticated EasySuite® integrated operating rooms, nCare MX securely and reliably connects clinicians with the critical visual information they need. The system is available in a compact, clinic-friendly package for easy deployment nearly anywhere, including an endoscopic cart or equipment boom.

**FEATURES:**

- Capture virtually any video signal up to 1080p HD

- Standard MPEG-4 video and JPEG image formats

- High-quality, live video loop for secondary display

- Control via touch panel, remote PC, or iPad®

- Free text labeling for videos, images, and print reports

- StreamGuard™ data protection

- Side-by-side comparative analysis

- Full-screen video preview on primary display

### Connected. Reliable. Agile. Easy.

## Flexibility to support a variety of surgical environments

A vendor neutral architecture allows nCare MX to easily capture, view, label, print, and export high resolution JPEG images and High Definition (HD) MPEG-4 video from virtually any endoscope or surgical video device. The system is available in either single-channel or dual-channel configurations, both with the same form factor. The dual-channel system allows the clinician to start and stop the capture of visual data from either channel at any time. This flexibility can be particularly valuable when using multiple imaging modalities, such as endoscopy and fluoroscopy, to view the target anatomy.

## Local or enterprise-wide storage

Recorded data can be stored locally, exported for presentation, or submitted to an enterprise system. EMR or PACS interface options enable easy exchange of orders and/or results with existing enterprise systems. The VaultStream® provides secure, centralized storage and management of surgical image and video libraries. When coupled with Image Stream Medical's suite of video visualization, editing, and production tools, VaultStream provides clinicians a powerful way to easily and securely use their surgical data.

## Safeguarding surgical data against loss or corruption

With more than a decade of experience developing surgical recording devices, Image Stream Medical's smart technology guarantees data delivery and integrity during transfer to VaultStream or an enterprise system. StreamGuard™, an embedded power subsystem, keeps data safe from corruption during unexpected power loss conditions by triggering and providing energy for an orderly shutdown.

## Intuitive user interface

A workflow-inspired user interface makes it easy to capture and view images and video from any endoscope or surgical video device. Side-by-side comparison mode allows the clinician to visually compare current to historical images, normal anatomy, or pre-procedure images either during the procedure or post-operatively.

## Supports efficient clinical workflow

nCare MX helps clinicians be more efficient at every step of the process, from automated patient registration to the ability to capture, record, view, label, print, and export procedural information via touch panel, remote PC, or iPad. Library search is fast and easy with searchable image and video labels which can be appended either during or after the procedure. These labels can be entered via free-text or they can optionally be locked and selected from a pre-determined list via dropdown menu. nCare MX's simple and efficient workflow allows clinicians to focus on what matters most: patient care.

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# Technical Specifications

## PHYSICAL

Dimensions (H × W × D)  3.4" × 14.6" × 12.8"
(8.64 cm × 37.08 cm × 32.5 cm)

Weight  10.0 lbs. (4.53 kg)

## SYSTEM

OS  Windows® Embedded Standard 7

Security  Restricted access (file based write filter, IP firewall blocking)

## INPUTS

Video  (Up to 2) EasyLink (BNC-F)

Audio Recording  (Up to 2) 3.5 mm Line In

Audio Processing  (1) 3.5 mm Line In

Audio Pre-amp  (1) 3.5 mm Line In, (1) 3.5 mm Mic. In

## RECORDING

Data Comp./Format  MPEG-4 Part 10

Number of Channels  Up to 2

Video Recording Format  1080p, 720p

Data Storage  1 TB Solid State Drive (SSD)

Triggering  USB Touch Panel, USB Keyboard/Mouse, Footswitch, Camera Head, Remote PC, iPad

## NETWORK PROTOCOLS

File Transfer  HTTPS (Suspend/Resume)

## INTERFACES

EMR  Orders/Results

PACS  Query&Retrieve/Storage/ Modality Performance Procedure Step

# Complete Control

- **Capture** images and/or video
- **Preview** video input feed(s)
- **Select** recording channel (dual channel only)
- **Review/Select/Delete** recorded data via thumbnails
- **Filter** recorded data by input channel (dual channel only)
- **Manage** procedure info & settings



# Options:

- Single or Dual Channel
- Video Recording
- PACS Interface
- HL7 Orders & Results
- Wireless Connectivity
- Voice features:
  - Integrated audio preamplifier
  - Voice frequency overlay
  - Advanced video seeking
  - Whisper-quiet system noise

# Compatible Accessories:

- Touch Panels:
  - 15" Touch Panel @ 1024 × 768
  - 15" Touch Panel @ 1366 × 768
  - 19" Touch Panel @ 1280 × 1024
  - 22" Touch Panel @ 1920 × 1080
- Sony UP-DR80MD Printer
- Footswitch
- TallyLight™

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