

IDI MDS®

Mobile Video Integration System

SEE WHAT YOU'VE BEEN MISSING!



True 4K routing and display in a portable image management solution

Now with 32" 4K UHD monitors

- Fixed urology room replacement
- GI / Endo
- Hybrid vascular overflow
- General and specialty surgery
- Spine and orthopedics

INTELLIGENT DESIGN ► TANGIBLE OUTCOMES

*<1-2mS latency

idi
imagediagnostics.com

IDI MDS

O.R. INTEGRATION

Today's Imaging and Surgical Directors are constantly being challenged to provide more services with less investment. These challenges are further complicated by the growth and convergence of diagnostic devices within the OR and imaging suites. The OR has become a forest of visualization; camera systems, X-ray, ultrasound, hemodynamics etc. Virtually all these products include their own monitor or display systems. The MDS can consolidate all of these source images on two easily positioned screens, freeing up operative space.

MDS Advantages

The MDS lowers the cost of ownership

In contrast to fixed urology suites, the MDS installs in hours without on-site planning meetings or construction costs that disrupt your operating room. The modular design is easy to reconfigure as your technology changes.

Reduce room clutter and improve patient access

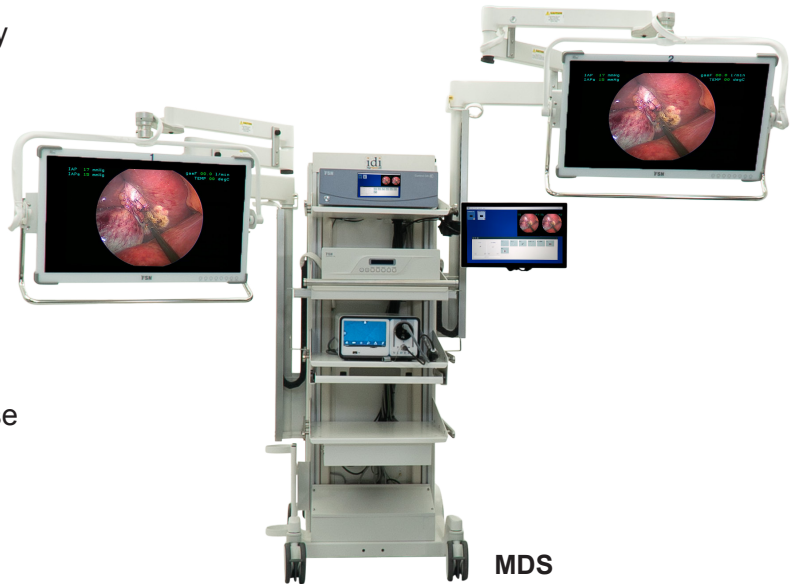
Eliminate camera carts and consolidate equipment on over-sized shelves. Brilliant 4k monitors bring images to the operator and create open space around the OR table for better patient access.

The MDS increases room Efficiency

Rooms don't have to be configured for a given surgical specialty. The mobility of the MDS accommodates your clinical need and can be moved out of the way when not.

Simple video routing with touchscreen control

An intuitive touch pad controller makes routing images easy to understand. The layout provides both source and destination buttons, eliminating the need for constant staff training. The router also features a control screen for redundancy and flexibility.



The MDS is Adaptable

The MDS patented multi-linked suspension arms navigate around the most cluttered OR to optimize monitor placement.

Brilliant 32" 4K UHD Monitors

Show four times more pixels compared to a conventional HD monitor in wide-screen, picture-in-picture or split screen modes.

Easy monitor positioning

Fully-counterbalanced articulating arms for easy manual positioning with up to 36" (91cm) vertical travel and up to 74.5" (189cm) horizontal extension.

Input image from any video source

Multi-modality image viewing from any video source including C-arm fluoro, camera, ultrasound, PACS, and patient monitoring.



MAKE IT A PART OF YOUR COMPLETE UROLOGY SUITE

A C-arm-based mobile solution is more versatile and can provide a dramatic reduction in physician X-ray exposure when compared to a fixed urology table



- A complete urology suite
- KUB visualization without moving C-arm
- Ergonomic positioning
- Position monitors for standing or sitting
- Bilateral access
- Enhances room utilization

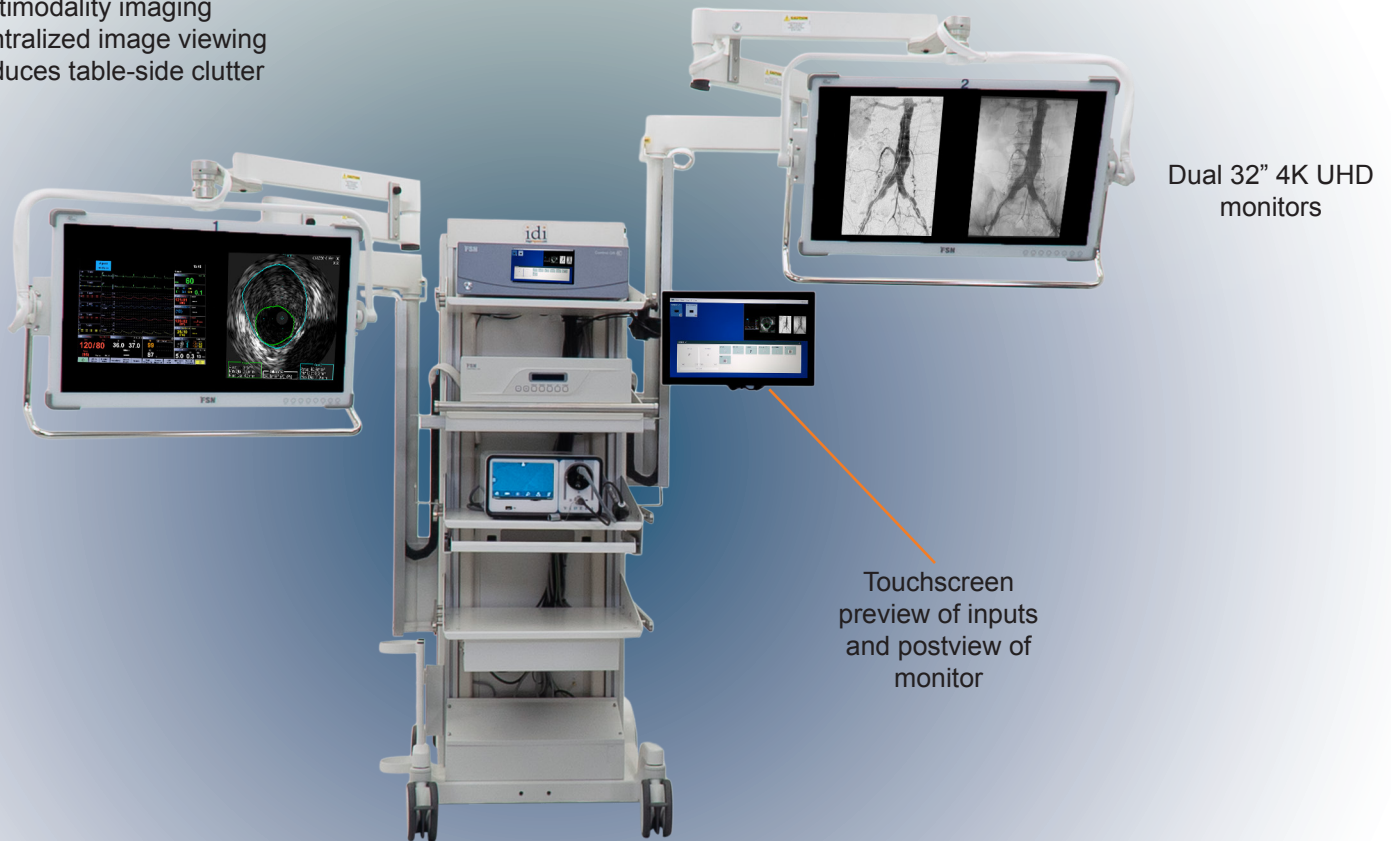
"The 4K UHD monitors really pop "

Urologist, Georgia

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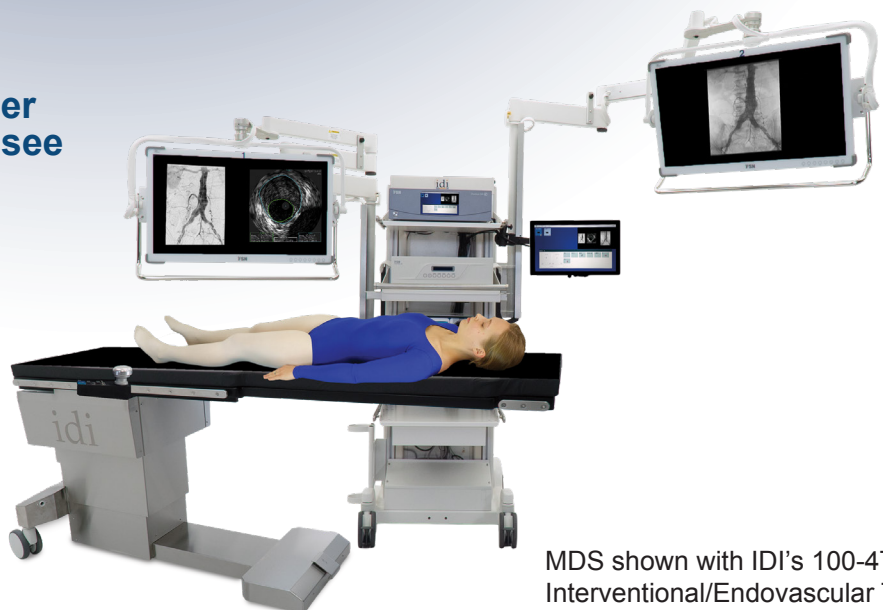
CREATE A COMPLETE ENDOVASCULAR SUITE

- Vascular overflow
- Multimodality imaging
- Centralized image viewing
- Reduces table-side clutter



"The 4K images look crisper and allow me to more easily see small vessel detail"

Vascular Surgeon, Arizona



MDS shown with IDI's 100-4T Interventional/Endovascular Table and optional catheter tray extension

IDI MDS

FOR GI / GENERAL SURGERY VISUALIZATION

- ERCP, EBUS & bronchoscopy
- Enhances table access
- Improves workflow
- Consolidates images



"I really like how the MDS allows me to magnify the smaller images from my 2mm scope. "

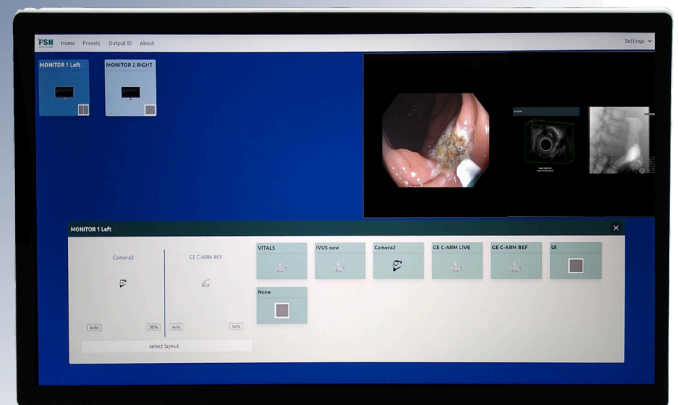
GI/MIS/Bariatric Surgeon
Florida



Optional built-in endo shelves

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INTUITIVE TOUCHSCREEN MULTIMODALITY IMAGE ROUTING



Touchscreen preview of inputs and postview of monitor

The MDS accepts analog HD and 4K digital signals from multiple sources including: C-Arm, ultrasound, hemodynamics, microscopes, cameras, image guidance, PACS and all image intensifier and flat detector fluoro technologies.

**"The touchscreen control makes it easy
to organize and display images"**

GI/MIS Surgery, Oregon

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INCLUDED WITH YOUR MDS SYSTEM



MDS

- MDS tower
- Dual multi-linked monitor arms with vertical travel
- 4 shelves with 3/8" x 1-1/8" accessory rails
- Cable source kit
- Accessory basket and cable storage hook
- Power strip and isolation transformer
- Padded monitor protection covers

Router

- 4K router with tablet-based control
- Up to 7 monitor outputs
- Up to 13 Inputs 5 HDMI, 2 DP, 2 VGA, 2 Composite, two 3G/12G
- Tablet controller (wired) with articulated arm and charging cradle
- Single, PIP and Split Screen mode

Monitors

- Two 32" 4K UHD monitors

Warranty

- Two year warranty parts and labor

SELECTED ACCESSORIES



Accessory Basket Kit (Standard)

Accessory basket for customer supplied foot switch or accessory storage. Requires accessory rail shelf. Includes basket and rail clamp.



Endo Shelf (Optional)

Includes accessory rail shelf with bilateral slide-out for MDS.



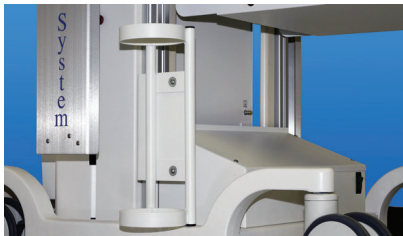
Suction Canister Kit (optional)

Includes: 2 suction canister rail clamps and brackets suitable for 3000 ml canister.



Shelf with Keyboard (Optional)

Kit includes: (A280-0130) accessory rail shelf with sliding keyboard carriage for customer supplied keyboard.



CO2 Bracket Kit (Optional)

Includes pair of CO2 bottle holder brackets for customer-supplied gas bottles.



Accessory Rail Shelves (Standard)

All four shelves are equipped with accessory rails for easy attachment of devices.

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SPECIFICATIONS

MDS system includes:

- Dual-arm mobile display stand
- Two 32" 4K UHD monitors
- Video router/controller with touchscreen interface
- Two protective covers for 32" monitors
- Video connections cable kit

32" 4K UHD monitors

- Resolution: 3840 x 2160 pixel
- Aspect ratio: 16:9
- Brightness (typical): 800 cd/m² maximum
- Number of colors: 1.07 billion
- Response time (typical): 11 ms (rise time)

Intuitive touchscreen interface

- Allows any input to be routed to either monitor and any two inputs to be displayed on a single monitor in picture-in-picture or split screen format.
- Should the tablet ever be lost or broken, backup controls on the ControlOR video router can be used.
- Inputs are modular by design and can be easily changed and upgraded if technology changes.

4K router video inputs:

- 5 HDMI
- 2 DP
- 2 VGA
- 2 Composite
- 2 3G/12G
- SOG kit available as an optional accessory

4K router output:

- 4 HDMI scalable outputs, 3 are used by the system
- 2 scalable DP
- 1 scalable 12G/3G SDI
- 4 HDMI non scalable outputs (can only output single input and no image optimization with these outputs)

Monitor arms

- Dual-articulating arms with positioning handles and low-force manual motion for easy video monitor positioning.
- Fully counterbalanced manual height adjustment of articulating monitor arms with manual pivot and rotation of monitors.
- Cable track allows vertical height adjustment of arms without cabling stress.

Equipment shelves, etc

- Four built-in, adjustable equipment shelves: 19.75" (50 cm) wide x 19.75" (50 cm) depth. Maximum shelf load per shelf: 25 lbs. (11 kg per shelf).

Transport and storage

- Lockable double-wheeled 6" casters with cable pushers.
- Ergonomic transport handles, front and rear, for easy transport and positioning.
- Built-in storage compartment for monitor protective covers.

Electrical

- 1800 watt isolation transformer and medical grade power strip for connection of ancillary equipment.
- Requires ~115VAC 60Hz 15 amp dedicated hospital grade outlet. Maximum allowable combined load (MDS + equipment on shelves) = 12 amps.



MDS ready for transport and storage
Footprint: 42" x 36.5" (107 x 93 cm)

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