

Mobile Display System Technical Data

MDS System Major Components Include:

- Dual-Arm Mobile Display Stand
- Two NDS Radiance 26" High-Brightness LCD HD video monitors
- ConductOR Video Router/Controller with Touch-screen User Interface
- Dual 8" (20cm) "Preview" LCD Reference Monitors, mounted to MDS stand center column
- Two protective covers for 26" monitors
- Video connections cable kit

Dual Arm Mobile Display Stand

The MDS stand provides a wide-range of vertical and horizontal positioning for convenient placement of video monitors at the desired location during surgical, interventional and diagnostic procedures. The stand includes three equipment shelves for placement of ancillary equipment such as cameras, light sources, printers and more.



Monitor Boom 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

Three built-in, adjustable equipment shelves: 19.75" (50 cm) wide x 16" (40.6 cm) depth. Maximum shelf load per shelf: 25 lbs. (11 kg per shelf).

Transport and storage

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

Electrical

- Built-in isolation transformer and AC power strip for connection of system video components and up to five available outlets for connection of ancillary equipment.

Choice of AC power type (must specify with order):

- *North America Version:* For connection to 110-120VAC, 60 Hz, 15 amp outlet. Includes built-in 1,800 Watt isolation transformer and 15 amp power cord and hospital grade plug. Maximum allowable combined load on MDS power strip = 12 amps.
- *EU Version:* For connection to 220-240 VAC, 50 Hz, ~10 amp outlet (must specify country plug type). Includes 1800 Watt isolation transformer, power cord and plug. Maximum allowable combined load on MDS power strip = 7.5 amps.

NDS Radiance® G2 High-Brightness 26" LCD HD Video Monitors

- LED backlight technology for very high brightness. Full multi-modality with multiple inputs. Switchable source video display and single image, picture-in-picture, or split-screen mode
- Resolution: 1920 x 1080
- Aspect ratio: 16:9
- Brightness: 700 cd/m² maximum, 500 cd/m² stabilized
- Weight: 18.2 lbs (8.27 kg)
- Power consumption: 150 watts
- Picture size: 21.6" x 13.5" (550 x 344 mm), 25.5" (649mm) diagonal

IDI MDS Technical Data

ConductOR™ G2 Video Router/Controller

Medical imaging video router with touch-screen operator control. Allows any input to be routed to either monitor and allows any two inputs to be displayed on a single monitor in picture-in-picture or split screen format. Allows various inputs to be used without hardwire changes to monitor connections.

- Includes eight video input connections:
 - DVI-D (3)
 - 3G-SDI (1)
 - S-Video (1)
 - Component (1)
 - VGA/SOG (1)
 - DVI-I/RGBS/YPbPr (1)
- Includes three 3 video output connectors:
 - Two 3G-SDI - these are used for connection to system monitors
 - One DVI-D - for connection of external devices such as printers, DVRs, etc.

The ConductOR video router also has audio input/output, LAN and Ethernet connections.

- Dimensions: 15" W x 3.5" H x 14.75" D (381 x 89 x 375 mm)
- Weight: 10.5 lbs (4.13 kg)
- Power consumption: 66 watts

Dual 8" "Preview" LCD Reference Monitors

The Preview monitors are mounted to the MDS stand center column above the top shelf for easy visualization of video routing while operating the ConductOR touch-screen control. The left and right preview monitors serve as visual reference for the left and right 26" monitors mounted to the MDS articulating arms.

- Power consumption: 20 watts

Protective Covers

Foam padded construction for monitor glass protection during transport and storage. Cleanable fabric cover material with Velcro straps for easy cover attachment and removal.

Video Connections Cable Kit

Cable Kit is provided to support the connection of internal (mounted on shelves) and external (C-Arms, Ultrasound etc.) video sources. Inputs supported are SDI, VGA, DVI, SOG, S-Video, and Composite.

Weight

- Including standard components: 830 lbs. (377 kg).

Dimensions

