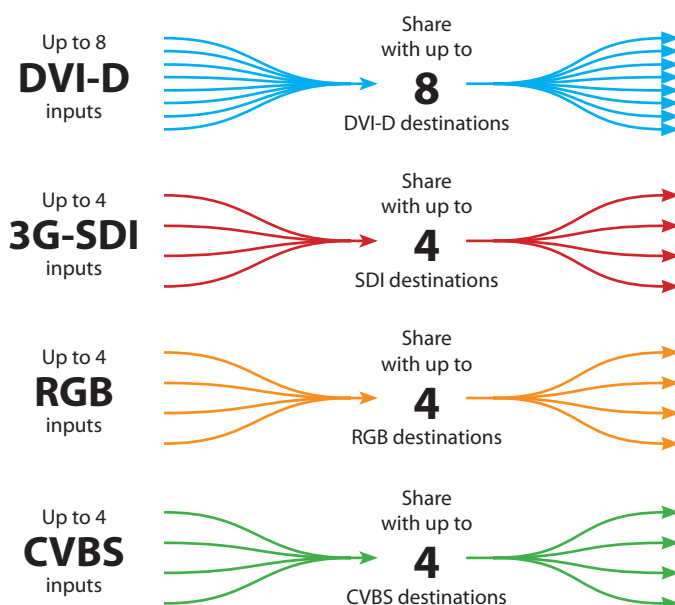


Medical Video Matrix Switcher

MTS800A from FSN Medical Technologies is an all-in-one medical device switcher solution that manages several independent input/output systems typically found in a surgical environment. MTS800A uses a stand alone PC, or a tablet PC with touch screen user interface to control video switching. Streaming and preset configurations are available. Also, a live preview of the active video signal can be seen on the controlling PC.



- Single location control for a variety of medical OR video systems.
- 8x8 DVI-D full matrix switching up to WUXGA.
- 4x4 SD/HD/3G-SDI full matrix switching.
- 4x4 RGB (DSUB) full matrix switching up to WUXGA.
- 4x4 CVBS full matrix switching.
- Network video streaming (delay may apply depending on the environment).
- Preset configurations can be saved and recalled..
- Supports preview of the active video signal.



User interface and WIS3000 tablet

The WIS3000 Control Tablet is a single appliance that can operate MTS800A with the touch of a finger. The user interface has been designed to manage several independent input/output video systems typically found in a surgical environment. A live preview of the active video signal is presented within the user interface. Configurations can be saved as a preset for later recall. Streaming to a remote location is also available.



Select the video signal type.

Live preview of the active video signal.

Select the signal to route. Label names on input buttons can be customized.

Select output display destination. Label names on output buttons can be customized.

The WIS3000 tablet communicates with MTS800A using a router and wireless connection.

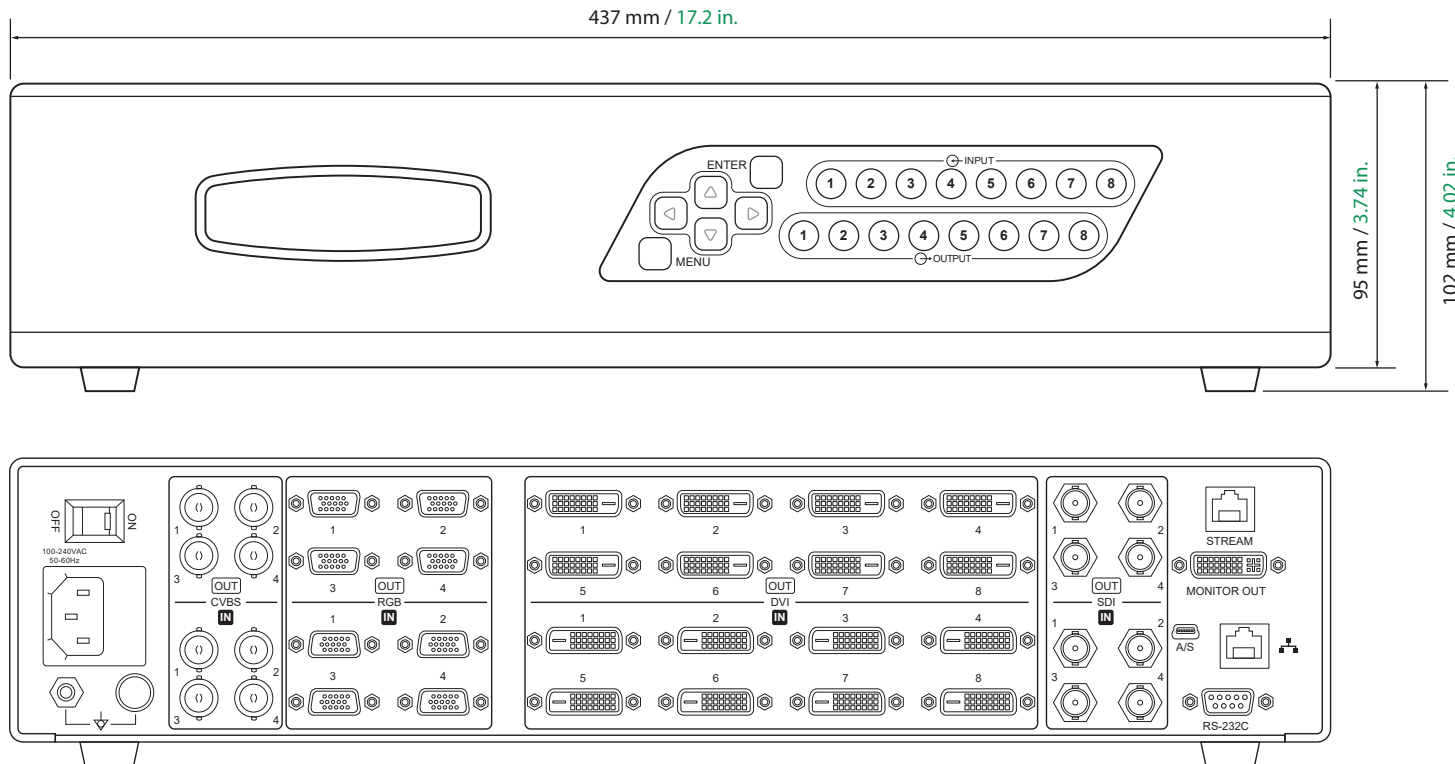
Specifications

General Features

Item	Description
Matrix*	CVBS 4 x 4 Matrix
	SDI 4 x 4 Matrix
	Analog RGB 4 x 4 Matrix
	DVI 8 x 8 Matrix
Inputs	CVBS BNC x 4ea, 75Ω, Composite Video, NTSC/PAL
	SDI BNC x 4ea, 75Ω, up to 3G-SDI
	Analog RGB RGB (DSUB15) x 4ea, Component with separate cables
	DVI DVI-D (Single link) x 8ea
Outputs	CVBS BNC x 4ea, 75Ω, Composite Video, NTSC/PAL
	SDI BNC x 4ea, 75Ω, up to 3G SDI
	Analog RGB RGB (DSUB15) x 4ea, Component with separate cables
	DVI DVI-D (Single link) x 8ea

* Signals being switched must be the same type. Example: DVI in and DVI out is supported, DVI in and SDI out is not supported.

Item	Description
Preview Outputs	DVI-D Single link, Up to 1920 x 1080p/60Hz
	RJ-45 Video Stream for Tablet and PC
Streaming	RJ-45 Video Stream up to 1920 x 1080p/60Hz (Stream source shares same video with preview video stream)
Control Outputs	RS-232C DSUB9 x1ea
	Network RJ-45 x1ea
Power Requirements	AC 100 - 240 V, 50~60Hz
Power Consumption	30W max
Dimensions (W x H x D)	437mm x 340mm x 102
General	Weight 5.35Kg / 11.80 lbs
	Temperature Operating: 0 to +40°C(+32 to +104°F) / Storage: -20 to +60°C(-4 to +140°F)
	Humidity Operating: 20 - 85% RH / Storage: 5 - 85% RH
Compliance and Certifications	UL 60601.1, EN 60601, CE, MDD 93/42/EEC, ISO 9001, ISO 13485 Class 1 Medical Device, RoHS



Specifications are subject to change with or without notice. Doc.# FSN1976 Rev. 10/16

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