DV-HSW-21A
DV-MFSW-21A

2x1 Digital Video Switchers

FSR
Video Products Group



DV-HSW-21A



DV-MFSW-21A

DESCRIPTION

Introducing two new 2x1 digital video switchers from FSR.

The first is the DV-HSW-21A, a 2x1 HDMI switcher supporting up to 4K x 2K @ 30Hz. The second switcher is the DV-MFSW-21A, a unique switcher and a must have for installations spanning new and legacy technology. This switcher has 1 HDMI input supporting resolutions up to 4K x 2K @ 30Hz and 1 VGA (HD-15) input supporting resolutions up to 1920 x 1200 @ 60Hz. The HD-15 input is paired with a stereo audio input on a 3.5mm mini stereo connector. When selected, the analog video is converted to HDMI and the audio is embedded greatly simplifying connections and operations downstream.

Both of our 2x1 switchers feature 4-way control. They have simple front panel push buttons, screw terminal contact closures with LED feed-back, RS-232 serial control, and autosense switching technology. In autosense mode, the switcher will switch when the current video source being displayed is turned off either via keyboard Function buttons or from signal loss. These options help in making these a perfect solution for any system.

APPLICATIONS

- *Boardrooms*
- *Classrooms*
- *Collaboration Systems such as HuddleVU*
- *Command and Control Centers*
- *PoP / PoS Kiosks*
- *Digital Signage*

FEATURES

DV-HSW-21A

- *2x1 HDMI Switcher Supporting up to 4K x 2K @ 30 Hz*
- *HDMI 1.4 and HDCP Compliant*
- *Embedded Audio Support*

DV-MFSW-21A

- *2x1 Switcher with 1 HDMI and 1 VGA (HD-15) Input and HDMI Output*
- *HDMI Supports Resolutions up to 4K x 2K @ 30Hz*
- *VGA (HD-15) Supports Resolutions up to 1920 x 1200 @ 60Hz*
- *Analog Video converted to HDMI with Audio Embedded*
- *HDMI 1.4 and HDCP Compliant*

Control Functions (Both Models)

- *Autosense Automatic Switching Technology*
- *Front Panel Push Button Local Control*
- *Contact Closure Control with +12 volt Lamp/LED output (@100 mA when active)*
- *Serial (RS-232) Remote Control*

COLLABORATION SOLUTIONS

These switchers can be easily integrated with FSR's line of HuddleVU collaboration systems and furniture solutions. They can also be easily controlled via our FLEX Control Systems.

HUDDLEVU

FLEX

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP

GREEN

Specifications are subject to change without notice.

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SPECIFICATIONS

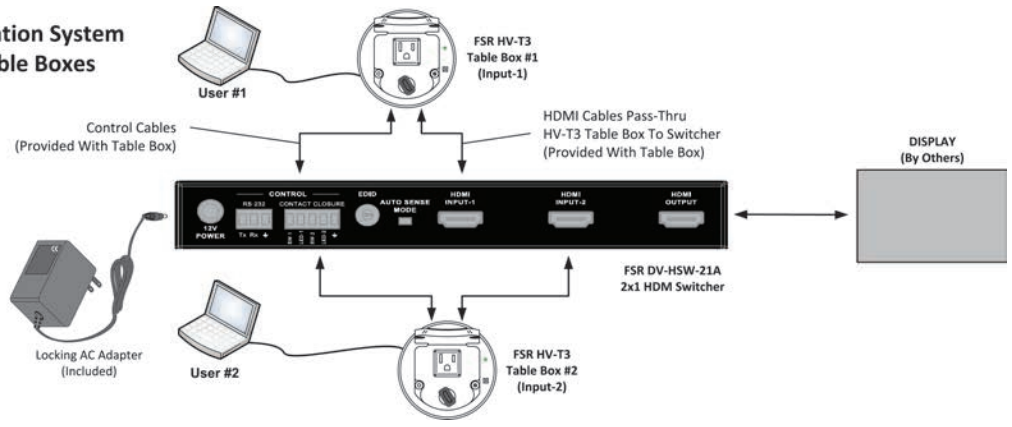
DV-HSW-21A

Supported Formats	
Resolutions (max.)	3840x2160 @30Hz (4K x 2K @30Hz)
Connectors	
Video Input	2 x HDMI Type A 19-pin, female
Video Output	1 x HDMI Type A 19-pin, female
RS-232	3 Pin Pluggable Screw Terminal
Contact Closure	5 Pin Pluggable Screw Terminal
AC Power	External 12VDC Power Supply with Locking Connector
Operational	
Power Input	110~240 VAC
Power Consumption	12VDC 0.25A
Physical	
Dimensions (W x H x D)	7 1/2" (190.2mm) W x 3 1/4" (82.7mm) D x 1" (26.2mm) H
Unit Weight	1 lbs (0.45 kg)

DV-MFSW-21A

Supported Formats	
Resolution (max) HDMI	3840x2160 @30Hz (4K x 2K @30Hz)
Resolution (max) VGA	1920 x 1200 @ 60Hz
Connectors	
Video Input	1 x HDMI Type A 19-pin, female, 1 x VGA DB-15 15-pin, female
Video Output	1 x HDMI Type A 19-pin, female
Audio Input	1 x 3.5mm Mini Stereo Jack
RS-232	3 Pin Pluggable Screw Terminal
Contact Closure	5 Pin Pluggable Screw Terminal
AC Power	External 12VDC Power Supply with Locking Connector
Operational	
Power Input	110~240 VAC
Power Consumption	12VDC 0.3A
Physical	
Dimensions (W x H x D)	7 1/2" (190.2mm) W x 3 1/4" (82.7mm) D x 1" (26.2mm) H
Unit Weight	1 lbs (0.45 kg)

Typical 2 x 1 Collaboration System Shown with FSR Table Boxes



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