



DH-Centric

DVI-or HDMI-Centric Converters/Scalers/Splitters/Switches



1:2 Splitter
RGB to DVI Converter
CV/SV to DVI Scaler
HD/SDI to DVI Converter



Multi-Format Video Converter/Scaler



RGB/YPbPr to DVI



S-Video/Composite Video to DVI



4x4 HDMI Matrix Switch

Applications

Digital Operating Room Integration

Conference/Meeting Room Integration

System Integration in Auditorium

Features

Phantom Powering to Fiber Optic DVI or HDMI Module

Multiple Module Packaging in Rackmountable Box

Guaranteed interoperability Between Modules

The DH-Centric Series contains many DVI (or HDMI) connectivity modules which simplify a complicated multiple-video-format system integration job for video switching, scaling, conversion and/or splitting, in digital operating rooms, multi-functional conference/meeting rooms, or multimedia integrated auditoriums. The DH-Centric Series includes, but not limited to the following modules:

For DVI Connectivity

4800-DVR4X4

DVI 4x4 matrix switchers (8x8, 18x18 or higher is also available)

4800MFV

Multi-Format Video Converter/Scaler (convert or scale CV/SV/RGB/YPbPr/DVI/HDMI input to HDMI/DVI output)

4890-SHD-391W

CV/SV to DVI scaler

4890-HDC-261DW

RGB/YPbPr to DVI converter

4890-HDC-55D

HD/SDI to DVI converter

4890-SP-D-2 (or 4890-SP-D-4)

DVI 1:2 (or 1:4) splitter

For HDMI Connectivity

4800-HVR4X4

HDMI 4x4 matrix switchers (8x8, is also available)

4800MFV

Multi-Format Video Converter/Scaler (convert or scale CV/SV/RGB/YPbPr/DVI/HDMI input to HDMI/DVI output)

4890-SHD-392

CV/SV to HDMI scaler

4890-HDC-261HW

RGB/YPbPr to HDMI converter

4890-HDC-55H

HD/SDI to HDMI converter

4890-SP-H-2 (or 4890-SP-H-4)

HDMI 1:2 (or 1:4) splitter

Although some of the above modules are from our third-party partners, we are adding additional features, not available from original manufacturers:

- Phantom powering to our optical DVI (Mini-DVI) or HDMI (Mini-HDMI) modules, eliminating powering wirings.
- Integration multiple modules into one standard 19" rack-mountable box, simplifying installation.
- Guaranteed interoperability between modules, minimizing troubleshooting time.



DOING MORE WITH ONE FIBER *plus* IP



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DVI-Centric

4800-DVR4x4

Function	4x4 DVI Switching
Max Rate	1.65G/s per link
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Remote Control	RS-232
Dimension (WxHxD)	12.0" x 1.75" x 7.0"
Power	5VDC @ 4A

4800MFV

Function	Convert or Scale CV/SV/RGB/YPbPr/DVI/HDMI input to HDMI/DVI output
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Remote Control	RS-232
Dimension (WxHxD)	8.58" x 1.72" x 5.9"
Power	5VDC @ 2.5A

4890-SHD-391

Function	Composite or S-Video to DVI Scaler
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Dimension (WxHxD)	4.92" x 1.19" x 4.85"
Power	5VDC @ 3A

4890-HDC-261DW

Function	RGB/YPbPr to DVI Converter
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Dimension (WxHxD)	3.00" x 1.19" x 4.13"
Power	5VDC @ 2A

4890-HDC-55D

Function	HD/SDI to DVI Converter
Resolution	Up to 720p or 1080i
Dimension (WxHxD)	2.4" x 1.0" x 5.8"
Power	5VDC @ 2A

4890-SP-D-2 (or 4890-SP-D-4)

Function	DVI 1:2 (or 1:4) Splitter
Resolution	Up to 1080p @ 60Hz or 1600x1200 @ 60Hz
Dimension (WxHxD)	4.02" x 1.19" x 4.92" (4890-SP-D-2) 4.02" X 1.50 X 5.56" (4890-SP-D-4)
Power	5VDC @ 2A

HDMI-Centric

4890-SW-H-44

Function	4x4 HDMI Switching
Max Rate	1.65G/s per link
Resolution	Up to 1080p @ 60Hz or 1600x1200 @ 60Hz
Remote Control	RS-232
Dimension (WxHxD)	17.25" x 1.93" x 7.0"
Power	5VDC @ 4A

4800MFV

Function	Convert or Scale CV/SV/RGB/YPbPr/DVI/HDMI input to HDMI/DVI output
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Remote Control	RS-232
Dimension (WxHxD)	8.58" x 1.72" x 5.9"
Power	5VDC @ 2.5A

4890-SHD-392

Function	Composite or S-Video to HDMI Scaler
Resolution*	Up to 720p @ 60Hz or 1280x1200 @ 60Hz
Dimension (WxHxD)	4.92" x 1.19" x 4.85"
Power	5VDC @ 3A

*Also for pseudo 1080i @ 60Hz(or 960x540p @ 60Hz)

4890-HDC-261HW

Function	RGB/YPbPr to HDMI Converter
Resolution	Up to 1080p @ 60Hz or 1920x1200 @ 60Hz
Dimension (WxHxD)	3.00" x 1.19" x 4.13"
Power	5VDC @ 2A

4890-HDC-55H

Function	HD/SDI to HDMI Converter
Resolution	Up to 720p or 1080i
Dimension (WxHxD)	2.4" x 1.0" x 4.6"
Power	5VDC @ 2A

4890-SP-H-2 (or 4890-SP-H-4)

Function	HDMI 1:2 (or 1:4) Splitter
Resolution	Up to 1080p @ 60Hz or 1600x1200 @ 60Hz
Dimension (WxHxD)	4.02" x 0.99" x 3.63" (4890-SP-H-2) 4.02" x 1.50" x 5.56" (4890-SP-H-4)
Power	5VDC @ 2A (12/09)