



4800MFV

**Multi-Format Video Converter System
Over HDMI***

HDMI*
(with HDI/HDMI/RGB/YPbPr/CV/SV Input)



**“Accommodate NTSC/PAL,
S-Video, RGB, Component, HDMI/DVI
or HD/SDI Video Source”**

**“Unified HDMI Fiber Link
Transmission to
HDMI/DVI Display Panel”**



Applications

Unified Digital Video Distribution

Multi-Format Video Display

Features

Supports Input RGB/HDMI Resolution
up to
1920 x 1200 @ 60Hz

Supports Input Component Resolution
up to 1080p @ 60Hz

Supports Input HD/SDI Resolution up to
1.5Gb/s

Supports Stereo Audio

Provides RS-232 Remote Control

Option with DVI Output

The 4800MFV Series is a high performance Multi-Format Video Converter System that accommodates and converts a wide variety of video input sources, such as composite video (NTSC/PAL/S-Video), component video (YCbCr/YPbPr or RGB), HDMI, as well as HD/SDI, to a unified HDMI or DVI output. DVI input and output are also available through the use of HDMI/DVI cable adapters. It consolidates different video formats into one unified HDMI format for video distribution applications. With the 4800MFV, one does not need LCD display panel with multi-format video controller. Instead, low-cost HDMI-only or DVI-only LCD display panel is used, while sophisticated cabling requirements for multiple video sources are significantly reduced.

The 4800MFV design is capable of addressing a variety of non-standard designs. Contact us to discuss your custom, OEM/private brand and high volume requirements.

*DVI output is available through HDMI-to-DVI cable adapter.



DOING MORE WITH ONE FIBER *plus* IP



4800MFV

Multi-Format Video Converter System Over HDMI*

Multimedia Transmission Systems



Video Input

Video Formats	RGB, YCbCr/YPbPr, DVI, NTSC/PAL, S-Video, HD/SDI
Connector	RGB x 1 via HD-15 YCbCr/YPbPr X 1 via 3 RCA jack HDMI x 1 via HDMI Type-A NTSC/PAL x 1 via RCA jack S-Video x 1 via 6-pin DIN HD/SDI x1 via BNC
Resolution	Up to 1920 x 1200 @ 60Hz (RGB, DVI) Up to 1080p @ 60Hz (Component) Up to 1.5 Gb/s (HD/SDI)
Video Selection	RS-232 Remote Control or Manual Panel Buttons

Audio Input

Format	Stereo Audio L/R via RCA Jack
--------	-------------------------------

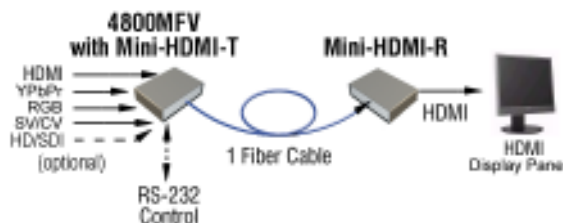
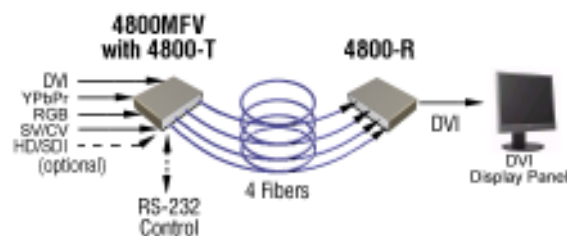
Optical Output

Signal Format	HDMI*
Graphic Resolution	Up to 1920 x 1200, 60 Hz

Physical

Dimension (H x W x D)	1.72" x 8.58" x 5.9"
Power Level	+5 VDC @ 2.5 A max.
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing

Applications



Ordering Information

4800MFV-HDMI	Multi-Format Video Converter Over HDMI/DVI (excluding HD-SDI input)	CV →	
4800MFV-HDMI-HD	Multi-Format Video Converter Over HDMI/DVI (excluding HD-SDI input)	SV →	
		RGB →	
		HD/YPbPr →	
		DVI/HDMI →	
		HD/SDI →	

*DVI output is available through HDMI-to-DVI cable adapter.

DOING MORE WITH ONE FIBER *plus* IP

Subject to continued product enhancement, we reserve the right to change the above specifications and description without notice.

