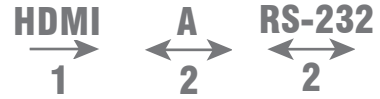




# Mini-HDMI-AD

*Miniature Multimode Fiber Optic  
HDMI Transmission Systems*



**“HDMI + Stereo Audio + RS-232  
Over 1 Multimode Fiber”**



**“High performance and affordable solutions for  
your digital video transmission.”**

### Applications

- Remote HDMI/DVI Extension
- Digital Signage
- Video Wall Presentation

### Features

- HDMI 1.3 Capable
- Up to 400m at WUXGA (1920x1200 @ 60Hz)
- Supports HDCP Encrypted Content
- Supports CEC Control
- Zero Compression and Zero Bit Reduction
- Up to 720p/1080i/1080p HDTV Video Resolution
- Over 1 Multimode Fiber
- Compatible with our Mini-RGB-AD or Mini-DVI-AD Products

The Mini-HDMI-AD Series is a high performance, low cost, miniature, Fiber Optic HDMI Transmission System. It carries one (1) unidirectional HDMI video, one (1) bi-directional stereo audio and two (2) RS-232 through one multimode fiber. This unique fiber optic transmission system lets your digital flat panel display extend up to 400m at WUXGA (1920x1200 @ 60Hz) resolution. DVI video is also available through a DVI-to-HDMI adapter cable.

No user adjustment is required for the Mini-HDMI-AD system due to the use of advanced digital fiber optic transmission system technology with zero compression and zero bit reduction. This allows for a quick and easy setup, offering trouble-free operation for many years to come. In addition, the Mini-HDMI-AD transmitter (or receiver) is compatible with our Mini-RGB-AD or Mini-DVI-AD receiver (or transmitter). This makes both fiber transmission and HDMI-to-RGB/DVI conversion in one single setup. The Mini-HDMI-AD supports video resolution up to WUXGA (1920 x 1200 @ 60 Hz) or 720p/1080i/1080p HDTV video resolution.



# Mini-HDMI-AD

Miniature Multimode Fiber Optic HDMI Transmission Systems

Multimedia Transmission Systems



## Video

Resolution	Up to 1080p@60Hz or 1620x1200@60Hz
Connector	HDMI Female Plug
Protocol	HDCP/DDC/CEC Capable

## Audio

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	Terminal Block

## Serial Data

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

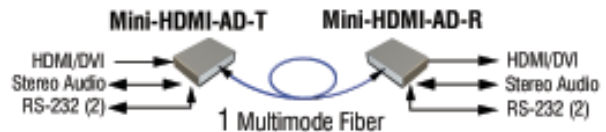
## Optical

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

## Physical

Dimension (H x W x D)	0.75" x 2.75" x 3.0"
Power Level (max.)	+5VDC @ 1.0A
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, non-condensing

## Applications



## Ordering Information

Mini-HDMI-AD-T-M-SC	Transmitter, Multimode, 1-Fiber	
Mini-HDMI-AD-R-M-SC	Receiver, Multimode, 1-Fiber	

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.

