

HDM-ME-TR-1 Series

Enhanced
Video
Solutions

Single fiber detachable HDMI module extends distance up to 300 meters over multimode fiber with LC connector



Description

The **HDM-ME-TR-1** Series optical HDMI extender module transmits uncompressed HDMI up to WUXGA (1920x1200) at 60Hz refresh ratio or 1080p and passes CEC, EDID and HDCP over a single multimode fiber up to 300 meters (985 feet).

The modules have a compact design that fits into a variety of installation environments. It has an HDMI receptacle that may be used with an intermediate cable and various connectors to offer greater installation flexibility.

The single fiber detachable design with LC connectivity offers ease of connection and the advantages of electrical isolation that fiber offers.

Key Features

- Extends WUXGA (1920x1200) at 60Hz or 1080p
- Transmits HDMI data up to 300m (985feet) over one multimode fiber with LC connectors
- Has HDMI receptacle and when used with an intermediate cable provides flexible installation
- Supports HDMI 1.3a up to 24-bit color depth
- Complies with CEC, EDID and HDCP
- Certified to FCC and CE standards for EMI/RFI emission
- Includes two +5V DC power adapters for the transmitter and receiver
- Size (WxDxH): 1.3 x 2.0 x 0.6 in
34 x 52 x 14.4 mm
- Certifications: IEC60601-1-2, FCC/CE, Class 1 LASER Eye Safety

ORDERING INFORMATION

Part Numbers	HDM-ME-TR-1-D (with US Power Supplies)	
	HDM-ME-TR-1-E (with European Power Supplies)	
	HDM-ME-TR-1-U (with UK Power Supplies)	
Shipping Dimensions	10 x 8 x 6 in	25.4 x 20.3 x 15.2 cm
Shipping Weight	1.8 lb	817 g

Advanced Fiber Products, LLC (AFP-US) develops and manufactures active optical devices engineered and packaged to withstand the rigors of broadcast production and many industrial environments. The devices are designed to convert signals from electrical to optical domain, aggregate, multiplex and de-multiplex them and provide transmission via ruggedized cabling solutions. AFP also offers a wide range of ancillary components in addition to specialized fiber assemblies related to high performance optical hermeticity, laser-to-fiber or fiber-to-detector delivery and integration into complete packaging solutions. AFP-US located near Chicago, Illinois, USA is a wholly owned subsidiary of **Advanced Fiber Products Ltd. (AFP)**. The company is headquartered at Haverhill, near Cambridge in the United Kingdom.

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Advanced Fiber Products LLC
200 East Howard Ave, Suite 204
Des Plaines, IL, USA 60018
Tel: +1-847-768-9001
E-mail: video@afpgco.com

wholly owned subsidiary of
Advanced Fiber Products Ltd
Hollands Road
Haverhill, Suffolk
England CB9 8PR
Tel: +44 (0) 1440-706441
Fax: +44 (0) 1440-762044
E-mail: sales@afpgco.com

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www.afpgco.com

HDM-ME-TR-1 Product Sheet
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