

## **Two (2) fibers Detachable HDMI Extender, HDFX-250-TR**



### **Descriptions**

New optical HDMI extender, **HDFX-250-TR** is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection. The transmitter and receiver set, HDFX-250-TR enables to transmit WUXGA (1920x1200) or 1080p at 60Hz signal up to 300m (985feet) over two (2) LC multi-mode fibers, avoiding any tricks like scaling or data compression for lessening a burden of data transmission and supports 3D contents transmission.

Between the transmitter and the receiver, pure fiber connection by two (2) LC fibers connector gives clean, secure and easy installation with no electrical hazard and a perfect electrical isolation. The Receiver (Rx) can be operated by USB power without external DC power adapter by plugging the supplied USB to DC plug cables to each module.

It passes CEC, EDID & HDCP (High Definition Contents Protection) for better installation flexibility and compatibility.

In shipping group, two (2) short HDMI cables are also included so as to be mated to various types of HDMI connectors.

### **Key Features**

- Extends WUXGA (1920x1200) at 60Hz (1.65Gbps/ch) or 1080p at 60Hz (36bit, 2.25Gbps/ch)
- Transmits HDMI data up to 300m (985feet) over two (2) LC multi-mode fibers
- Supports 3D contents transmission
- Supports HDMI1.3, 36-bit color depth
- Has HDMI receptacle and provides intermediate cable for flexible installation
- Supports Auto-power switching (Tx)
- Operated by USB power to Receiver (Rx).
- Complies with CEC, EDID & HDCP
- Includes two (2) +5V, 1A DC power adapters / two (2) USB to DC plug cables for the transmitter and receiver
- Size (WDH): 72 x 35 x 16mm
- Certifications: CE / FCC

### **Applications**

- Home AV
- Control room
- Conference room

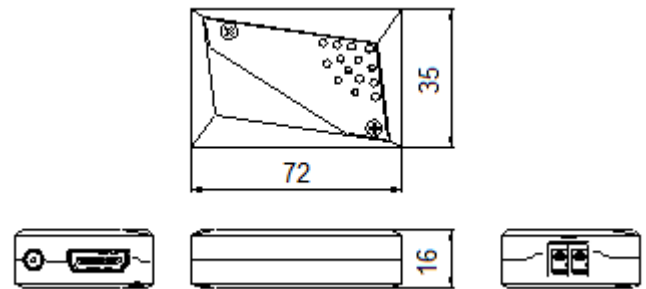
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## Technical Features

Resolution	Up to WUXGA or 1080P at 60Hz, 36bit
Bit rate	Up to 2.25Gbps
Maximum distance	300m (985feet) @WUXGA, 60Hz with 50/125um fiber
Fiber	LC terminated 2 core multi-mode fibers
Power supplying	TX: External 5V/1A DC power RX: External 5V/1A DC Power or USB cable
LED Indicators	TX: Power, Signal transmission RX: Power, Signal detection
Power consumption	TX: 2.5W, RX: 2.0W
Size (WDH)	72 x 35 x 16mm
Operating temperature	0 ~ 50°C
Operating Humid.	10 to 85% RH, non-condensing

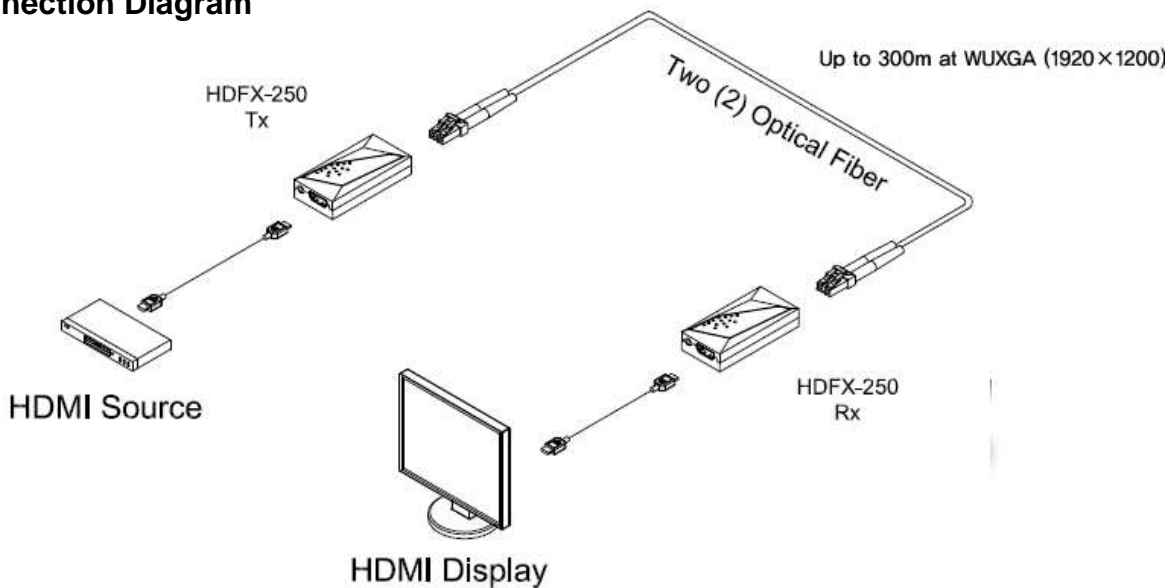
## Dimension

[Unit: mm]



Size: 72 x 35 x 16mm

## Connection Diagram



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