# MultiView™ II DVI-Tx
## Twisted pair digital video extension transmitter

**MAGENTA**

## Key Features

- DVI-D (HDMI) Video Support
- Extension to 2000ft (609m)*
- Up to 1920x1080, 1080P/60 Resolution
- Standard: summed-audio or simplex-serial
- Optional: stereo and addressable duplex serial
- HDMI Audio support
- Works with standard F/UTP cable
- Fully compatible with the Mondo Matrix Switch Platform
- Rack Mount Kit optional

## Specifications

### Compatible receivers
The MVII-DVI-Tx Transmitter is designed to work with all analog MultiView receivers and the new DVI RX.

### Link Cable Required
4 twisted-pair F/UTP type cable is recommended for performance and EMC compliance. Regular or minimized-skew type is acceptable.

### Supported Video Formats
VESA and CEA video formats from 640x480 to 1920x1080, output on a digital DVI-D connector.

### Audio Signals
(A) mode: Line-level, summed L+R, analog audio.
(S/PDIF) mode: Supports copper S/PDIF digital-audio.
HDMI Audio is supported
Note:
HDMI audio can be embedded or de-embedded at the TX or RX.

### Serial Characteristics
(S) mode: Simplex serial, up to 115.2K. Protocol-transparent.
(SAP) model only: Duplex serial, 9 configurable baud rates are supported. Protocol-transparent, but also support serial-configuration mode.

### Connectors
1 x 4 pin phoenix, 1 x RJ-45, 2 x DVI-D (F),
1 x DB9F (SAP model only)

### Temperature/Humidity Tolerance
Operating: 32 to 104°F (0 to 40°C), 10% to 80% RH non-condensing.
Storage: -4 to +140°F (-20 to +60°C), 10% to 80% RH non-condensing

### Enclosure
Steel, black powder-coat finish

### Power
Input voltage: +5 VDC @ 2.6 Amps max.
Consumption: 6 watts maximum

### Size
1.2"H x 5.5"W x 3.6"D (3.0 x 14.0 x 9.2 cm)

### Weight
1 lb. (0.45 kg)



## Overview

The MVII-DVI-Tx is a video Transmitter that is compatible with the MVII-DVI-Rx-1k receiver, plus the entire MultiView™ family of distribution and switching products including the Mondo-III matrix switch. Capable of extending a video signal up to 2000 feet* over standard twisted-pair F/UTP type cable. There are user-configurable settings for video, audio, and serial options which can be controlled from the front panel.

MultiView DVI's most exciting feature is its full backwards compatibility with Magenta's best-in-class UTP-based crosspoint switch, the Mondo Matrix. Combining MultiView DVI with a Mondo Matrix provides integrators with the ability to implement digital video when utilizing one of the largest switches in the world, as the Mondo is configurable in increments of 16 inputs and outputs, from 16x16 all the way to 256x512.

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|---|---|
| 2620063-02 | Multiview II DVI Transmitter –A/-S |
| 2620066-02 | Multiview II DVI Transmitter –SAP |
| 8310207-02 | Rack Mount Kit, Black, 1U, fits 4 Transmitters |
| 8310208-02 | Rack Mount Kit, Black, 2U, fits 8 Transmitter |

*Distance is determined by the Receiver

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