

DATA-TRONIX®

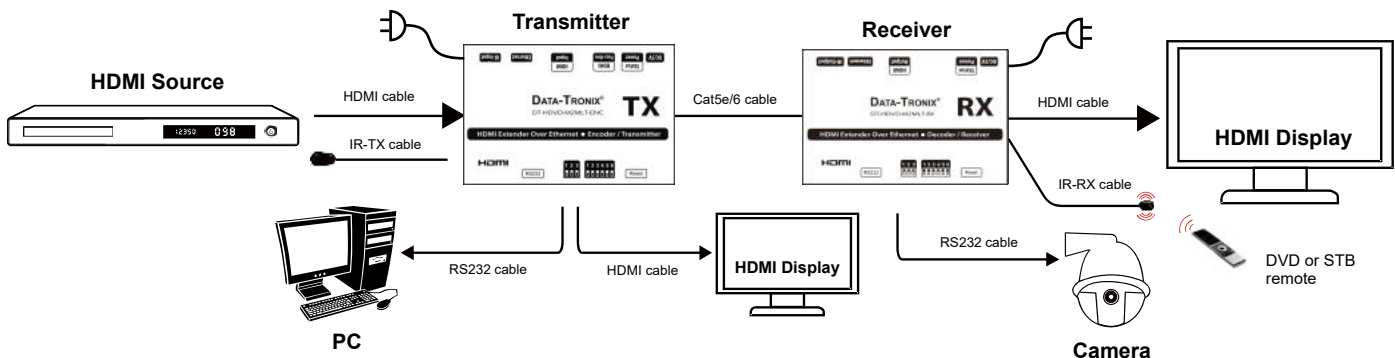
DT-HDVD-M2MLT Series HD Streaming Transmitter & Receiver

Features:

- Distributes multi-point to multi-point HDMI signal over an ethernet
- Extends transmission distance up to the full operating distance of the ethernet.
- Capable of point to point with one transmitter and one receiver
- Features H.264 compression
- Supports resolutions up to 1080p @ 60HZ, with data transmission speed up to 2.25 Gbps
- Supports LPCM audio format, sample rate 48 kHz
- Complies with TCP/IP protocol for transmission, with streaming bit rates up to 15Mbps.
- HDCP compliant
- Supports RS232 pass through
- Supports Wide-band IR (38 kHz ~ 56 kHz)
- DHCP, automatic assignment for Transmitter and Receiver



The DT-HDVD-M2MLT Series is an HD Video Streaming set which includes an HDMI transmitter and HDMI receiver for real-time distributing of up to 1080p video over an ethernet. This HDMI over IP Extender uses H.264 compression. The units can be used in a point to point application to distribute a single HDMI source to a single video receive site or in a multi-point to multi-point application to distribute HDMI sources to multiple receive sites using an external Ethernet. They support transmission up to 330' over a single cat5e/6 cable when the TX and RX are connected directly using an Ethernet cable (no switch) also known as point to point. When using an Ethernet switch topology, the signal transmission length will be consistent with Ethernet distance limitations. For extremely long runs, fiber optic transmission systems can be employed. Both the transmitter and receiver are powered via a local DC power supply (included).



Ordering Information:

DT-HDVD-M2MLT-ENC	H.264 HDMI Video Encoder
DT-HDVD-M2MLT-RX	H.264 HDMI Video Decoder

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DT-HDVED-M2MLT Series HD Streaming Transmitter & Receiver

Specifications:

Performance

Protocol	H.264 encoding over TCP/IP
Video format	480i/480p/576i/576p/720p/1080i/1080p@60HZ
Audio format	LPCM, Audio sampling rate 48kHz
Streaming Bit Rate	15Mbps
HDCP	Compliant
IR Frequency	38 -56 kHz
RS232 Baud rate	2400 (default) - 115200

IP setting & Group ID setting

Default IP	TX: 192.168.1.11 ; RX: 192.168.1.12
Group ID	Group 00 - group 63
Request for Switch/Router	Supports IGMP, supports DHCP

Connectors on Transmitter

Input	1xHDMI Female port
Output	1x RJ45 output , 1x HDMI loop through
RS232	DB9 Female port
IR	IR TX port

Connectors on Receiver

Input	1xRJ45 input
Output	1x HDMI Female port
RS232	DB9 Male port
IR	IR RX port

Environmental & Power Requirements

Operating temperature	23° to 95°F
Operating Humidity Range	5% to 90%RH (No Condensation)
Power supply	5V DC 1A
Power consumption	Max 3 watt

Physical

Dimension	4.7"x3.1"x1.1"
Net Weight	TX: 0.6 lbs. : RX:0.6 lbs.

