

TD-2A-SET

Single Channel HDBaseT TX/RX with IR control

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The TeleDelta HDBaseT TD-2A-SET (transmitter and receiver) are a cost effective single channel HDBaseT linking solution for 4K/2K and Full HD video and audio distribution over CAT5E/6 cable.

The TD-2A-SET provides up to 4K / 2K up to 130ft (40m) and full 1080P for 230ft (70m) combined with two-way IR Control.

Providing POH (Power over HDBaseT) allows users to install a single power-supply (included) at either the TX or RX end and power the link-set. Rack ears for easy mounting are included in the TD-2A-SET.



TD-TX2A-IR Transmitter



TD-RX2A-IR Receiver

TD-2A-SET Key Features

- Distribute up to 4K / 2K and Full HD over Cat5E / 6 Cable.
- 4K / 2K up to 130ft, 1080P up to 230ft
- Integrated 2-way IR communications
- HDCP Compliant
- HDMI Input / Output
- Supports POH - Only one power supply is required
- Ultra-compact design - Install anywhere
- Dolby TrueHD or DTS-HD Master Audio support

TD-2A-SET Quick Overview

Transmitter / Receiver Ordering PN:	TD-2A-SET
Transmitter Part No.	TD-TX2A-IR
Receiver Part No.	TD-RX2A-IR
Video Input	HDMI (DVI) with adaptor
RJ45 Connector	Yes
Video Format / Distance	
4K / 2K (30 Htz)	130ft (40m) over Cat5E/6
1080P (60 Htz)	230ft (70m) over Cat5E/6
Audio Component (see below)	Up to Dolby TrueHD or DTS-HD Master Audio
Communication	
	IR (2-way communications)
EDID Management	Non unit adjustable
Power Input	12V - POH (power supply required at one-end only)

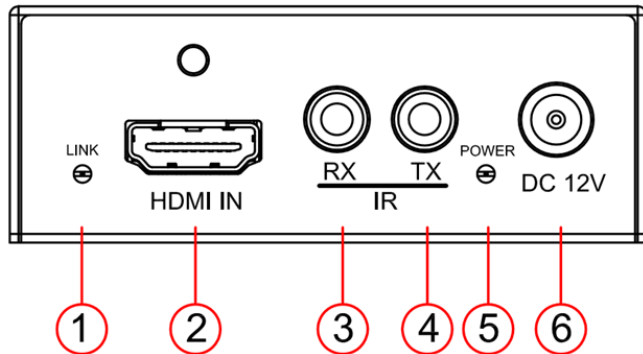
For more information please contact your local distributor or sales@teledelta.com



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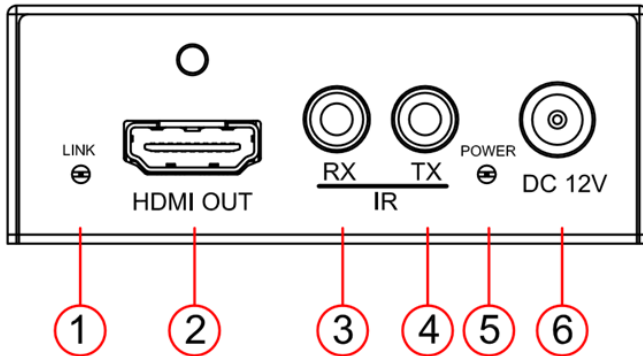
Single Channel HDbaseT TX/RX with IR control

TD-TX2A-IR (Transmitter) Diagram



1. HDMI Input Indicator
2. HDMI Input / Output
3. IR Receiver Jack
4. IR Transmitter Jack
5. Power Indicator
6. DC Power Input

TD-RX2A-IR (Receiver) Diagram



Technical Specifications (Video / Audio)	
Input Connector (Video)	HDMI - Type A - 19 Pin Female
Input Connector (Audio)	HDMI - Type A - 19 Pin Female
HDMI	V1.4 - HDCP Supported
Format / Distance	
4K / 2K @ 30hz	130ft (40m) over Cat5E / 6
1080P @ 60hz	230 (70m) over Cat5E / 6
Bandwidth Through-put	2.97Gbps
Supported Video Resolutions	Up to 4K / 2K @ 30Hz (HDMI)
	Up to 1080P @ 60Hz (HDMI)
	Up to 1080I @ 60Hz (HDMI)
	1920 x 1080 @ 60Hz (DVI) no audio
	1920 x 1200 @ 60Hz (DVI) no audio
	1280 x 1024 @ 60Hz (DVI) no audio

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Single Channel HDbaseT TX/RX with IR Control

Communications	
RJ45	Yes
IR Input / Output	3.5mm Stereo Jack (Each)
RS232 Input / Output	DB9 Connector
Power	12V - 2 Amp (single end only required)
Connector	Screw connector
Dimensions	106 x 75 x 28mm
Weight	205 grams
Mounting	Rack-ear (included)

Included in Package (TD-2A-SET)	
TD-TX2A-IR (IR Control)	x1
TD-RX2A-IR (IR Control)	x1
Power-supply (12V 2amp)	x1
IR Transmitter / Receiver	x1 Each
Mounting Ears	x1 Set

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