



TRH279 – HDMI/DVI Transceiver (Daisy Chainable Repeater) Extender over CAT6/5e UTP cable

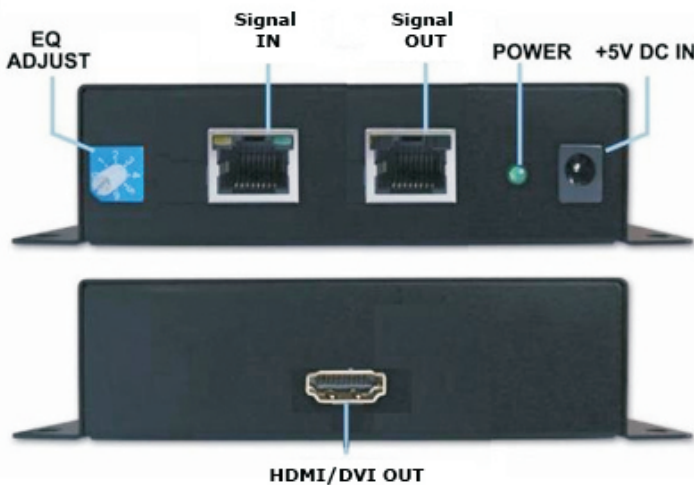
The TRH279 - HDMI Transceiver (or repeater) is a versatile unit using Teq AV/IT's award-winning pioneering HD CAT One technology that can be used as a Transmitter and Receiver combination unit to extend your HDMI or DVI digital video signals up to longer 700-ft (210-m) from the source using seven of these devices in loop or daisy-chain connection over CAT5e/6 cable. This is first of its kind product in the industry that allows extension of HDMI or DVI signal from its normal 25-ft (8-m) normal cable run to 700-ft (210-m) by daisy-chaining or looping multiple units and providing a local output at each junction. The system is perfect for transmitting high-resolution and high-definition Digital video and audio signal in HDMI or DVI format for Digital Signage applications in public places like shopping malls, museums, government offices, train stations, airports, corporate lobbies, warehouses, and manufacturing floor. TRH279 saves installation cost by using inexpensive CAT5e or CAT6 cable instead of expensive fiber cable or down-converting HD - Digital signal to analog signals. TRH279 allows facility-wide or whole home wiring or office cabling for HD, Hi-def or high-resolution digital signals like HDMI or DVI using standard twisted pair CAT6 or CAT5e cable saving hundreds of dollars on installation.

TRH279 is compatible with all HDMI equipment like Satellite set-top boxes, cable TV receiver boxes, Blu-Ray Players, DVD Players, PCs and video cards, Game consoles like PS3 or Xbox360 and HD digital signage Players like Teq Digital VPH150. TRH279 is also compatible with DVI-signals from computers, PC, iMac, video / graphics cards and digital signage Players like Teq Digital VPW130 or VPW150. TRH279 is also compatible with most industry-standard displays like HDTV monitor, Hi-Def Televisions, LCD, Plasma, DID panels and projectors that have HDMI or DVI input capability.

TRH279 is used with TTH172 or TTH174 transmitter or TRH271 receiver in the daisy-chain or loop.

Feature

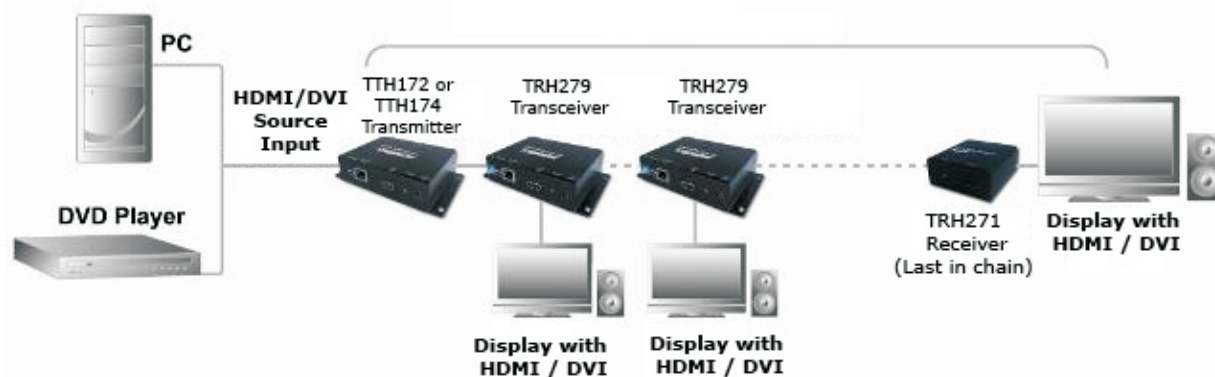
- Digital Audio and video are transmitted digitally over Single CAT6/5e cable for zero signal loss (first in industry)
- Extends DVI or HDMI signal in loop with up to 7 units to 700-ft (210-m)
- Supports Graphic card resolutions up to QUXGA (1920x1200), UXGA(1600x1200), WXGA(1280x768 or 1360x768), XGA or VGA for DVI-input
- Supports all HD resolutions including 1080p, 1080i, 720p and SD of 480p or 480i for HDMI-input
- HDMI 1.3a /HDCP Compliant and DDC capable
- Support bandwidth up to 10.2GHz for Hi-Def signal
- Built-in Boost/EQ to adjust the video quality according to cable length
- Easy and fast installation, without any requirement of installing any software or drivers.



Specification

Singal Input	1 from matching transmitter on RJ-45 port
Singal Output	1 for matching receiver / transceiver on RJ-45 port
HDMI/DVI Output	1 on Type A-Female 19-pin HDMI Connector For DVI: Use appropriate adapter or cable
Signal Support	HDMI 1080p, 1080i, 720p, 576p, 480p, 480i
	DVI WUXGA, UXGA, WXGA, SXGA, XGA, VGA
Cable Type	CAT6 UTP Cable (preferred), CAT5e acceptable
Wiring scheme	568B straight-through (pair 2.3 split) with RJ-45 connector
Video EQ	Through knob for cable length up to 140-ft (42-m)
HDMI Signal Distance/length	120-ft (37-m @ 1080p), 150-ft (45-m @ 1080i or 720p), 200-ft (60-m@480p or 480i)
DVI Signal Distance/length	120-ft (37-m @ QUXGA 1920x1200), 150-ft (45-m @ UXGA 1600x1200), 200-ft (60-m@ WXGA 1280x768, XGA 1024x768 or VGA)
Operating Temperature	0 - 70 C (32-170 F)
Storage Temperature	0 - 80 C (32-175 F)
Humidity	0-80% Non condensing
Enclosure material	Black painted metal
Mounting	On surface with 4-screws or in 1U rack space with optional ACT103 rack-mount kit
Weight	1 lb. (400 gm) unit, 2 lb. (900 gm) shipping weight
Dimension(LxWxH)	5.5" W x 3.6" D x 1.25" H (140 x 93 x 32 mm)
Power	Provided AC Adapter with DC 5.0 V at 1.2 A rating for 100-240 V AC input

Application Diagramme



Address: 30162 Tomas, # 201, Rancho Santa Margarita, CA 92688
 Phone: (949) 709-4040
 Email: info@teqavit.com