

1T-CT-637 HDMI to 8-Output Cat.6 Transmitter is used to send HDMI or DVI-D signals to remote display devices, using Cat.6 cables. It is compatible with the 1T-CT-632 Receiver and 1T-CT-633 Repeater. The HDMI to Multiple CAT.6 Transmitter system consists of the 1T-CT-637, an 8-output transmitter device which provides a method of transmitting deep color (12 bits) v1.3 HDMI or DVI-D signals at resolutions up to 1920x1200 and 1080p, plus embedded, lossless audio, over one Cat.6 cable per output.

The 1T-CT-637 can achieve signal distribution distances of up to 38 meters (125 feet) for 1080p signals, 55 meters (180 feet) for 720p/1080i signals and 65 meters (213 feet) for 480p signals. These distances may be increased by using one or more 1T-CT-633 Repeaters. The transmitter also features the unique TV One-task locking power connectors to enhance overall system mechanical security.



Key Features of the 1T-CT-637

- HDMI Version 1.3a Compliant
- DVI 1.0, HDCP 1.1 Compliant
- HDTV Resolutions up to 1080p @ 60Hz
- Up to 125' Distance for 1080p
- Embedded HDMI Lossless Digital Audio
- Zero signal loss via Cat.6 cable
- Supports up to 8 Cat.6 Outputs
- Locking power supply for security

Specifications

Video In

HDMI 1x via HDMI Connector

Video Output

Via Cat.6 8x via RJ-45 (Video & DDC)

Supported Standards

Industry Standards HDMI 1.3, HDCP 1.1, DVI 1.0

Video Performance

Maximum Resolution Up to 1920x1200, 1080p/60Hz

TDMS Clock Frequency 225Mbps

Maximum Range

1080p: 125' (38m)
720p/1080i: 180' (55m)
480p: 213' (65m)

Cable Requirements

Single CAT.6 per output Network Grade, Premium, Shielded

Compatible Products

Receiver 1T-CT-632
Repeater 1T-CT-633

Environmental

Operating Temperature 0° to +40° C (+32° to +104° F)

Operating Humidity 10% to 90%, Non-condensing

Storage Temperature -10° to +70° C (12° to +158° F)

Storage Humidity 10% to 90%, Non-condensing

Warranty

Limited Warranty 3 Years Parts and Labor

Regulatory Approvals

Encoder/Decoder Unit FCC, CE, RoHS

Power Supply UL, CUL, CE, PSE, GS, RoHS

Mechanical

Size (H-W-D) 25x240x103mm (1x9.45x4")

Weight (Net) 225g (0.495 lbs)

Power Requirement

External Power Supply 5 VDC@6A, Locking DC

Accessories Included

1x Power Adapter US, UK or Euro

1x User Manual

Model Numbers

1T-CT-637 HDMI In, 8x Cat.6 Output Tx

Panel Drawings

