

1T-TG-620 HDMI Test Generator provides a means to verify the correct operation of HDMI equipment such as monitors and projectors. Any device using an HDMI type input (or DVI-D with appropriate adapter) can be tested using several different types of signals. Provision has been made to embed either a 1Khz internally generated audio sinewave or an externally generated audio signal into the digital bitstream so that the integrity of the audio portion of the HDMI signal can be verified and, in addition, HDCP (High Definition Content Protection) functionality can also be tested thereby insuring that all video, audio and security components of an HDMI compliant display device are functioning properly.



Key Features of 1T-TG-620 HDMI Test Generator

- HDMI v1.2, HDCP 1.1 and DVI 1.0 Compliant
- 1.65Gbps Single Link HDMI Frequency Bandwidth
- VESA EDID v1.3 and EIA/CEA 861 Version 3
- Supports resolutions to WUXGA/60 and 1080p
- Supports Embedded Audio – Internal and External
- Infrared Remote Control

Specifications

Audio Input

External Audio 1x S/PDIF Optical Connector

Video Output

HDMI (Note 1) 1x via Type A HDMI Connector

HDMI Transport

Frequency Bandwidth 1.65Gbps (Single Link)

Supported PC Resolution Up to WUXGA/60

Supported HDTV Formats 480p through 1080p (Note 2)

Audio (Embedded) 1Khz Sine wave Int. or Ext.

Compliance HDMI v1.2, HDCP V1.1, DVI 1.0

Special Feature

HDCP Function Check Via Internal Algorithm

Video Test Patterns

36 Video Patterns In 8 Groups

Control Methods

Local Control Front Panel via PB Switches

Remote Control 1x Infrared Remote Control

Warranty

Limited Warranty 2 Years Parts and Labor

Mechanical

Size (H-W-D) 1.2"x4.9"x4.9" (30x125x125mm)

Weight (Net) 0.72lbs (334g)

Environmental

Operating Temperature 0° to +48°C (+32° to +120°F)

Operating Humidity 10% to 90%, Non-condensing

Storage Temperature -10° to +70°C (+32° to +120°F)

Storage Humidity 10% to 90%, Non-condensing

Power Requirement

External Power Supply 5VDC@2A

Regulatory Approvals

HDMI Test Generator FCC, CE, RoHS

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

Accessories Included

1x AC Power Adapter US, UK or Euro Type

1x Instruction Manual

1x IR Remote Control

Product Number

1T-TG-620 HDMI Test Generator

Notes

(1) DVID out is available using optional adapter.

(2) The timing of the 1080i output resolution is very critical and may not be compatible with all displays.

Panel Drawings

