

# 780E Video Generator / Protocol Analyzer – Interfaces/Options

## Interfaces:

- HDMI Tx & Rx ports – 600MHz pixel rate.  
**Note:** Supports HDCP 2.2 testing.
- HDBaseT Tx & Rx ports – 300MHz pixel rate.
- DisplayPort Tx & Rx ports – 5.4 Gb/s link rate; 1, 2, 4 lanes.  
**Note:** Supports HDCP 2.2 testing.
- Digital audio – SPDIF/Optical.

## Standard Features:

- 7 inch touch screen – 800 x 480 resolution. Convenient size.
- Format and test pattern library, add custom bitmaps.
- Real time status bar.
- Headphone jack and speakers.
- Command line control via RS-232 or USB serial.
- Software upgradable.

## Options:

- Cable Test – Test HDMI cables and distribution networks.
- Test pattern packs – ISF, THX China Resolution.
- Auxiliary Channel Analyzer (passive & emulation) – Monitor HDCP, EDID transactions, hot plug events and CEC messages between source and sink DUTs.