

# UCD-323 HDDP Dual

HDMI and DisplayPort test device  
with 4K inputs and outputs

# 4K

Approved for  
HDCP 2.2 CTS



CAPTURING THE WORLD

## Test 4K Sinks And Sources

UCD-300 series is a family of 4K compliant display interface test devices utilizing the high speed USB 3.0 interface. They provide a flexible and robust way of testing the functionality of HDMI and DisplayPort interfaces.

## For R&D and Test Automation

UCD-300 software supports both hands-on debugging and running extended automated test sequences.

UCD Console GUI is a preview and test application for desktop use. Each interface function has a well structured dialog for superior at-a-glance viewability and access to the vital parameters and controls of the interface.

Unigraf TSI is a test software API that provides the system integrator a fast and reliable way for ensuring the functionality of the tested equipment. The tests included in the Test Sets cover typical failure modes of each interface.

## Test all Features

UCD-323 HDDP Dual combines Reference Source and Reference Sink functionality in one unit. This is a great advantage in saving space in congested test instrument racks.

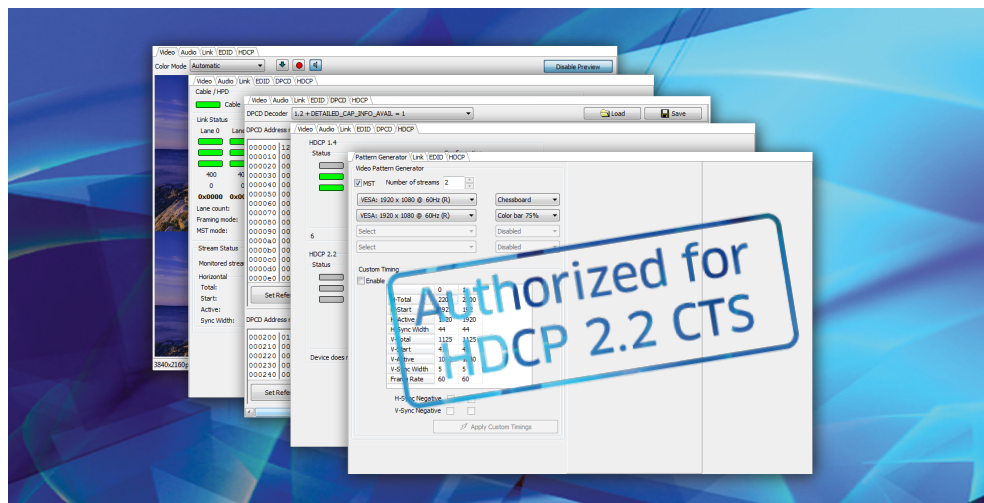
## Highlights

- UHD / 4K compliant test equipment
- HDMI 2.0 and DP 1.2 input and output in one unit
- DCP Approved HDCP 2.2 CTS Test Tool
- HDCP 1.3 and HDCP 2.2 support
- Sink and source video, audio and configuration parameters
- USB 3.0 connected
- UCD Console GUI for debugging
- High level API for easy integration

 **UNIGRAF**

# UCD-323 HDDP Dual

USB 3.0 connected video test module with 4K inputs and outputs



## UCD Console GUI

The UCD-300 graphical user interface for R&D debugging is called UCD Console. It provides the user a flexible way of navigating between the interface based Roles of the device and the functionalities of each Role.

UCD Console features a preview windows for the received video and audio, monitoring and controls for the link parameters and built-in pattern generator in UCD-323. UCD Console also features an EDID editor and access to the state and control of HDCP function.

## High Level Test Functions

Unigraf high level test software interface TSI (Test System Interface) provides the System Integrator a set of reliable and short cycle time interface specific tests. TSI readily implements the low level procedures needed for verifying the various functions of the tested interface and the required software integration is minimal.

## Authorized HDCP 2.2 Test Equipment

UCD-323 has been Approved as Authorized Test Equipment for verifying HDCP 2.2 Compliance on DisplayPort Sinks and Sources. HDCP 2.2 Compliance Test capability is an add-on feature to UCD-300 debug tool called UCD Console.

## Specifications

Inputs	DP 1.2 (4096x2160p60 max) HDMI 2.0 (4096x2160p60 max)
Outputs	DP 1.2 (4096x2160p60 max) HDMI 2.0 (4096x2160p60 max)
Content Protection	HDCP 1.3 / 1.4 HDCP 2.2
Computer Interface	USB 3.0
Operating System	Windows 10, 8, 7 and XP
Software	UCD Console GUI TSI API with interface specific Test Sets
Power Input	+12 Vdc (AC/DC converter included)
Module Size	281x128x62 mm
Weight	900 g (w/o AC/DC converter)

All specifications subject to change without notice.



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