



HDMI® Signal Generator and Display Analyzer

Compact AV tool for 4K HDMI signal generation, display analysis, and HDCP™ testing

Versatile Installation Tool for AV Professionals

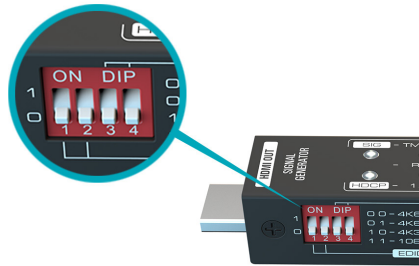
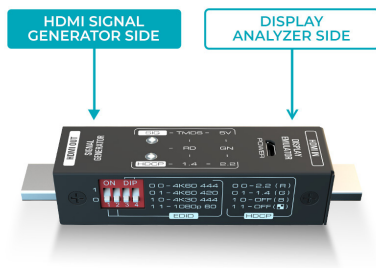
The HDMI® Signal Generator and Display Analyzer is a highly versatile tool designed for AV installers and testers, streamlining a wide range of signal generation and analysis tasks within a single compact device. Functioning both as an HDMI signal generator and a display emulator (signal analyzer), this innovative unit supports resolutions up to 4K@60Hz in rich 4:4:4 chroma, ensuring full compatibility with the latest display technologies.

A convenient 4-pin DIP switch allows users to easily set video resolutions and manage HDCP™ content, with selectable signal outputs including 4K@60Hz 4:4:4, 4K@60Hz 4:2:0, 4K@30Hz 4:4:4, and 1080p@60Hz. The device analyzes HDCP content and signal status, such as 5V and TMDS®, while intuitive LED indicators clearly display signal and HDCP status.

Supporting HDCP OFF, HDCP 1.4, and HDCP 2.2 output modes—as well as four test patterns for verifying HDCP versions—this analyzer ensures thorough compatibility and diagnostic capability. It is also backward compatible with USB 2.0 and 1.1, enhancing its flexibility in a range of setups.

With its robust feature set and user-friendly controls, the HDMI Signal Generator and Display Analyzer is an essential companion for any AV professional seeking reliability and precision in installation or testing environments.

- Used as HDMI signal generator or display emulator (signal analyzer)
- Provides 4-pin DIP switch for setting video resolution and HDCP content
- Supports 4K@60Hz 4:4:4, 4K@60Hz 4:2:0, 4K@30Hz 4:4:4, and 1080p@60Hz video signal outputs
- Backward compatible with USB 2.0 and 1.1
- Supports HDCP OFF, HDCP 1.4, and HDCP 2.2 outputs
- Supports four different test patterns for HDCP versions
- LEDs show signal and HDCP status



ULTIMATE VERSATILITY

Functions as both an HDMI signal generator and a display analyzer, supporting up to 4K@60Hz 4:4:4 resolution for seamless compatibility with modern AV technology.

EFFORTLESS SIGNAL MANAGEMENT

Easily set video resolutions and manage HDCP content using a handy 4-pin DIP switch, with clear LED indicators for signal and HDCP status.

ESSENTIAL FOR AV PROFESSIONALS

Robust features—like support for multiple HDCP modes and four test patterns—make this device a must-have for reliable AV installation and precise testing environments.

Full Specs

P/N	48143
Input Connector	Input: 1× HDMI
Output Connector	Output: 1× HDMI
Control	4-pin DIP Switch
Input Video Resolution	Up to 4K@60 Hz 4:4:4 8-bit
Output Video Resolution	Supports 4K@60 Hz 4:4:4, 4K@60 Hz 4:2:0, 4K@30 Hz 4:4:4, and 1080p@60 Hz
Operation Temperature	23 °F – 131 °F / -5 °C – 55 °C
Storage Temperature	-13 °F – 158 °F / -25 °C – 70 °C
Storage Humidity	10–90% (relative humidity, non-condensing)
Packaging Method	Corrugated Box
Dimensions (L x W x H)	0.7" x 3.0" x 0.9" (19 x 75 x 22 mm)
Weight	2.3 oz (65 g)



PACKAGE CONTENTS

- 1x HDMI Signal Generator and Display Analyzer
- 1x USB Power Cord
- 1x Brown Cloth Bag
- 1x User Manual