861
18G 4K HDR Pocket Signal Generator, Analyzer and Cable Tester

| HDMI | 4K/60 UHD (4:4:4)

861 HDMI 18G (6G per graphic channel) 4K HDR Pocket Signal Generator, Analyzer and Cable Tester is an advanced and handy tool for generating, testing and verifying the signal path within your (up to) 4K@60Hz (4:4:4) HDMI/HDCP 2.2 ecosystem. With 23 built−in resolutions, 11 test patterns and over a dozen types of AV analysis functions, this unit provides an enormous range of testing options. HDMI data packet, EDID and HDCP analysis are supported along with EDID upload and emulation. Additionally, the Status and Control Data Channel (SCDC) can be monitored, enabling HDMI 18G signal detection and analysis. Up to 8 channels of LPCM audio test tones can be generated with a wide range of frequencies and audio levels.

861 is portable and durable, it includes a high−quality belt pouch and runs on a Li−Ion battery that operates for over 5 hours before needing to be recharged

FEATURES

Max. Resolution - 4K@60Hz (4:4:4)

HDMI Support - HDR10 (on input), xvYCC color (on input), Dolby TureHD/DTS−HD Master Audio (by−pass), Dolby Vision (on input) as specified in HDMI 2.0

Standards Compliance - DVI 1.0 and HDCP 1.4/2.2

Data Path Analysis - Source and sink up to 18G HDMI signals (6G per graphic channel)

HDMI Data Packet Analysis

HDCP v1.4 and v2.2 Analysis & Control

EDID Data Analysis & Emulation - Including SCDC

HDR Bypass & Analysis Support

HDMI Timing Generation - Up to 4096×2160 @60Hz (4:4:4), 8−bit

Supported Output Resolutions - 480p, 576p, 720p@25/30/50/60, 1080i@50/60, 1080p@24/25/30/50/60, 4K(3840×2160p)@24/25/30/50/60, 4K(4096×2160p)@24/25/30/50/60

LPCM Sinewave Audio Generation - Up to 8 channels

Cable Tester - Suitable for 4K HDMI cables. Includes tests for 5V, CEC and hotplug detection support

OLED Display - With rapid updates of current status information

Detailed OSD - For settings and informational displays

USB Firmware Update

Portable and Durable

Includes a ≥5 Hour (typical) Operating Life Li−Ion Battery

Power Saving Features

TECHNICAL SPECIFICATIONS

Inputs	1 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector
Ports	1 USB: On a female Micro−B connector
Video	Max Data Rate: 18Gbps (6Gbps per graphic channel)
	Max Resolution: 4K UHD @60Hz (4:4:4, 8−bit)
	Supported Output Resolutions: 480p@59Hz, 576p@50, 720p@25/30/50/60, 1080i@50/60, 1080p@24/25/30/50/60, 4K(3840×2160p)@24/25/30/50/60, 4K(4096×2160p)@24/25/30/50/60
	Standards Compliance: HDCP 1.4, 2.2. HDR10 (on input), xvYCC color (on input), Dolby TureHD/DTS−HD Master Audio (by−pass), Dolby Vision (on input) as specified in HDMI 2.0
Audio (Embedded) Output Support:	LPCM 2.0, 5.1, and 7.1
Power	Source: 5V, 2.1A USB Power
	Consumption: 4.7W
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: −20° to +50°C (−40° to 158°F)
	Humidity: 20% to 90%, RH non−condensing
REGULATORY	Safety: CE, FCC
	Environmental: RoHs, WEEE
	ESD Protection: Human body model − ±12kV (Air Discharge), ±8kV (Contact Discharge)
Enclosure	Type: Metal
	Cooling: Convection Ventilation
Accessories	Included: Micro−B USB cable, 1 C−HM/HM/PICO/BK−3 cable, 1 lithium−ion 3.6V/3200maH rechargeable battery, belt pouch
Product Dimensions	8.00cm x 14.00cm x 2.70cm (3.15" x 5.51" x 1.06") W, D, H
Product Weight	0.3kg (0.6lbs) approx
Shipping Dimensions	24.80cm x 18.80cm x 5.40cm (9.76" x 7.40" x 2.13") W, D, H
Shipping Weight	0.6kg (1.4lbs) approx

HDMI

USB   OUT   IN

USB   HDMI   HDMI

Laptop/   Display   HDMI
USB Charger   Source