

BG-AVTPG-8K

8K UHD HDMI 2.1 48GBPS ADVANCED SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-8K stands out as an HDMI 2.1 signal generator and analyzer, serving as an indispensable and versatile tool specifically crafted for integrators. It effortlessly accommodates the full bandwidth of HDMI 2.1 and HDCP 2.2, streamlining the installation and troubleshooting processes like never before.

This compact and portable device comes equipped with a robust rechargeable battery, an array of video test patterns, user-friendly touch panel controls, and convenient access to cloud-based firmware upgrades. Furthermore, the BG-AVTPG-8K boasts the capability to support up to 8 channels of LPCM audio with selectable sample rates.

The loop-through function of the BG-AVTPG-8K allows the connected HDMI input to seamlessly transmit to an external display or its own built-in 7.0" touch screen. This feature empowers users to swiftly verify HDMI sources, displays, and cables. Additional functionalities, such as the HDCP analyzer and loop tester, ensure that installers have all the essential tools at their fingertips, simplifying their tasks with efficiency.



FEATURES



FUTURE PROOF

8K60 4:2:0 8bits, 8K30 4:4:4, 4K2K
120Hz & 4K2K@60 10bits/12bits HDR
pattern generator



ENHANCED UX

7.0" touch panel for quick and easy
access



CONTROL OPTIONS

Mouse control and control via Ethernet



SIMPLIFIED MONITORING

HDMI loop through functionality



HDCP COMPLIANT

HDCP analyzer and generator that is able
to transmit HDCP encrypted video



RECHARGEABLE BATTERY POWERED

Portable for up to 9 hours on a full charge



TECH SPECIFICATIONS

Technical

Role of usage	Generator / Analyzer
Video Bandwidth	TBD
HDMI Compliance	HDMI 2.1 and below
HDCP Compliance	HDCP 2.3 and below
Video Support	Up to 8K60 4:2:0 8bits, 8K30 4:4:4, 4K2K 120Hz & 4K2K@60 10bits/12bits (HDR)
Video Format Support	HDMI
Audio Support	8ch LPCM up to 192K
Control	USB mouse / touch panel / Ethernet
ESD Protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]
Input	1x HDMI + 1x USB + 1x RJ-45 (Ethernet)
Output	1x HDMI + 1x 3.5mm (Stereo)
USB Support	USB 2.0
HDMI Connector	Type A [19-pin female]
USB Connector	Type A
RJ-45 Connector	WE/SS 8P8C with 2 LED indicators

Mechanical

Housing	Metal Enclosure
Power Supply	12V DC / Battery
Operation Temperature	32~104°F / 0~40°C
Storage Temperature	-4~140°F / -20~60°C
Relative Humidity	20~90% RH [no condensation]



Industry-Leading Warranty & Support

BZBGEAR Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years. We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

