



BG-AVTPG-MINI-G2

8K/4K/1080P HDMI 2.1 48Gbps PORTABLE SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-MINI-G2 is a compact and portable device designed for professionals working with HDMI 2.1 signals. As a versatile tool, it serves as both a signal generator and analyzer, catering to installers and integrators. It supports a wide range of HDMI signals, including high-resolution formats like 8K60 4:2:0 10-bit and 8K30 4:4:4, as well as common resolutions like 4K60 and 1080P. For those running 4K at higher refresh rates, it also supports resolutions up to 4K120. The device's adjustable color depth feature enables easy assessment of display capabilities during testing.

In "Sink" mode, the BG-AVTPG-MINI-G2 functions as an HDMI signal detector, providing essential details about detected signals, such as resolution, frame rate, HDCP version, and other key HDMI characteristics. Its compatibility with HDMI 2.1 standards, adherence to HDCP 1.4 and 2.3 standards, and impressive operational range make it a reliable choice. The device's pocket-sized design and rechargeable battery, offering up to 3 hours of usage, enhance its portability for professionals on the move.



FEATURES



8K SUPPORT

It supports diverse resolutions and color formats, like 8K60 4:2:0 8-bit and 8K30 4:4:4, ensuring an accurate display of details and colors



SUPPORTS 4K120

Provides smoother gameplay, reduced input lag, better visual clarity, and high-quality broadcasting for Esports



HDCP TEST CAPABILITY

Validates secure content transmission



BATTERY-POWERED PORTABILITY

Facilitates convenient on-the-go testing and field calibration for optimal performance



HDCP PROTECTION

HDCP 1.4 & 2.3 compliant



FUTURE-PROOF

Embracing a spectrum of resolutions, from the stunningly detailed 8K60 and 4K120 to the widely used 4K80 and 1080p



TECH SPECIFICATIONS

Technical

Usage	HDMI 2.1 Signal Generator and Analyzer
Video bandwidth	Input up to FRL 5 (40G) Output up to FRL 6 (48G)
HDMI compliance	HDMI 2.1 and below
HDCP compliance	HDCP 2.3 and below
Video Support	Up to 8K60 4:2:0 10-bit, 8K30 4:4:4, & 4K2K 120Hz
Video Format Support	HDMI
Control	Push Button
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]
Input	1x HDMI
Output	1x HDMI
USB Support	Firmware update / Recharge
HDMI connector	Type A [19-pin female]
USB Connector	USB-C



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY
Essential Line Products
3-YEAR WARRANTY
Cables Products
LIFETIME WARRANTY

