BZB GEAR®

BG-AVTPG-4K
1080P/4K UHD HDMI 2.0 18Gbps Video Test Pattern Generator/Tester and Analyzer w/ Ethernet

The BG-AVTPG-4K is a HDMI 2.0 test pattern generator and analyzer designed for professional A/V integrators and technicians. With a versatile array of functions and features, it's an essential part of any professional's toolkit. Capable of sending and receiving HDMI signals up to 4096 x 2160 4:4:4, this device makes it easy to test and verify functionality of AV cabling and equipment. Designed for the rigors of field use, the BG-AVTPG-4K is encased in a sturdy metal chassis with shock-resistant rubberized edges.

FEATURES

- 4K2K@60 4:4:4 8bit, 4K2K@60 4:2:0 16bit HDR pattern generator

- USB 2.0: Supports mouse control

- 8ch LPCM with selectable sampling rate up to 192kHz

- 3.5 mm Output: Allows for testing of analog audio equipment

- Designed to hold up to the demands of field work

- 18Gbps: High-bandwidth HDMI

- Embedded LINUX KERNAL system with limitless extension

- Supports HDMI loop through function stability

- Battery powered for portability, it can extend operation time with full load up to 4 hours

- Scrambler supported for videos over 340MHz output wise

- HDCP test allow verify HDCP of HDMI source and transmit HDCP encrypted video

Specifications

Role of usage: Generator / Analyzer

Video bandwidth: Single link 600MHz (18Gbps)

HDMI compliance: HDMI 2.0 and below

HDCP compliance: HDCP 2.2 and below

Video Support: Up to 4K2K@60 4:4:4 8bit, 4K2K@60 4:2:0 16bit (HDR)

Video Format Support: HDMI

Audio support: 8ch LPCM up to 192K

Control: USB mouse / touch panel / Ethernet

ESD protection: Human body model 315kV [air-gap discharge] & 38kV [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

Dimensions (L x W x H): Model: 4.1″ x 6.6″ x 1.7″ [105 x 166 x 42mm]; Package: 1′5″ x 6.7″ x 3″ [371 x 170 x 77mm]; Carton: 1′3″ x 1′4″ x 1′5″ [410 x 368 x 393mm]

Weight: Model: 27 oz [765g]; Package: 2.8 lbs [1294g]

Power supply: 12V 5A DC / Battery

Power Consumption: 15 Watts

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.

Pro AV 3 Year Warranty | Cameras 5 Year Warranty | Lifetime Product Support