

## **BG-AVTPG-KIT**

**Full HD and UHD Video Test Pattern Generator and Analyzer Complete Installer Kit (BG-AVTPG-4K and BG-AVTPG-MINI)**

The BG-AVTPG-KIT combines two of our best selling HDMI tester/analyzers for a comprehensive toolkit that should be a part of every professional installer's arsenal. The kit includes one BG-AVTPG-4K and one BG-AVTPG-MINI in a foam-lined protective case built to withstand years of job site abuse. The kit allows for full end-to-end testing of all HDMI-related cabling and gear, allowing installers to quickly identify and correct issues that would otherwise complicate and delay progress.



### **FEATURES**

#### **BG-AVTPG-4K**

- 4K2K@60 4:4:4 8bit, 4K2K@60 4:2:0 16bit HDR pattern generator
- 4.3 touch panel
- Supports user control device through Ethernet
- Supports mouse control
- Supports user defined pattern up to 2GB
- Loop test capability to provide statistics analysis for connection stability

#### **BG-AVTPG-MINI**

- Supports video resolution outputs up to 4K2K@60 4:4:4 8bit, HDR 10bits, 12bits, 16bits
- Built-in three video patterns
- HDCP 1.4 & 2.2 compliant
- Both HDMI input and output support up to HDMI 2.0



## BG-AVTPG-4K HDMI 2.0 18Gbps Video Test Pattern Generator/Tester and Analyzer

### Technical 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]

## BG-AVTPG-MINI HDMI 2.0a Installation Gear

### Technical Specifications

Role of usage: HDMI 2.0a Installation Gear  
Video bandwidth: Single link 600MHz [18Gbps]  
HDMI compliance: HDMI 2.0 and below  
HDCP compliance: HDCP 2.2 and below  
Video Support: up to 4K@60 4:4:4 8bit, 4K2K@60 4:2:0 16bit (HDR)  
ESD protection: Human body model — 315kV [air-gap discharge] & 38kV [contact discharge]  
Video Format Support: HDMI  
Input: 1x HDMI  
Output: 1x HDMI  
Control: Push Button  
HDMI connector: Type A [19-pin female]  
USB Support: Firmware update / Recharge  
USB connector: Micro-USB (Type B)

### Mechanical

Enclosure: Metal case  
Dimensions (L x W x H): Model: 5.1" x 3.5" x 0.6" [130 x 89 x 14mm]; Package: 7.8" x 5.4" x 2.9" [198 x 137 x 74mm]; Carton: 1'4"x 1'3" x 11.8" [420 x 400 x 300mm]  
Weight: Model: 7.8oz [220g]; Package: 11.3oz [320g]  
Power supply: Micro-USB / Battery  
Power Consumption: 5W [MAX]  
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.

