BZBGEAR®
Amplify Your World™

Catalog 2025

Integration Tools

Professional AV And Broadcasting Solutions

BZBGEAR
Integration Tools

AV integration tools are essential yet often underestimated in a technician's arsenal. These tools not only generate reliable test signals but, in select models, also analyze them, enabling technicians to swiftly diagnose issues with cabling, equipment, and compatibility.

With our cutting-edge solutions, you can test HDMI signals at resolutions up to 4K@60Hz on our 4K models, and up to 8K@60Hz and 4K@120Hz on our 8K models.

For SDI signal testing, our 12G-SDI tester supports signals up to 4K@60Hz while maintaining backward compatibility with earlier SDI formats.

- **4K AND 8K CAPABILITIES**
- **HDMI AND SDI SUPPORT**
- **PORTABLE AND DURABLE DESIGN**

BG-AVTPG-MINI

4K/1080P HDMI 2.0 18GBPS PORTABLE SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-MINI is a portable handheld 4K signal analyzer and test pattern generator. Capable of generating and analyzing HDMI signals at resolutions up to 4096x2160@60Hz 4:4:4, This powerful tool provides users with the ability to quickly test and verify HDMI cabling and equipment.

Supports a maximum resolution of 4K2K@60Hz, the BG-AVTPG-MINI can generate and analyze signals with chroma subsampling rates of 4:4:4 8-bit and 4:2:0 16-bit (HDR).

4K SUPPORT
Supports up to 4K2K@60 4:4:4 8-bit, HDR 10-bit, 12-bit, 16-bit

HDCP 2.2
HDCP 1.4 and 2.2 compliant

18GBPS/HDMI 2.0
The maximum bandwidth possible due to the introduction of HDMI 2.0

TAA COMPLIANT

Check out this item on our website

BG-AVTPG-4K

4K/1080P HDMI 2.0 18GBPS VIDEO TEST PATTERN GENERATOR/TESTER AND ANALYZER WITH ETHERNET

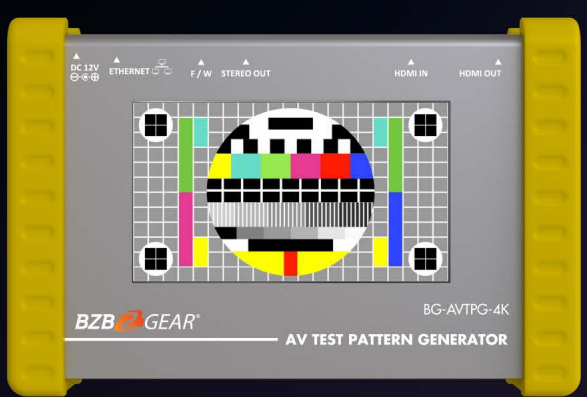
The BG-AVTPG-4K is a HDMI 2.0 test pattern generator and analyzer designed for professional A/V integrators and technicians. With a versatile array of functions and features, it's an essential part of any professional's toolkit. Capable of sending and receiving HDMI signals up to 4096 x 2160 4:4:4, this device makes it easy to test and verify functionality of AV cabling and equipment.

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

18GBPS
High-bandwidth HDMI

AUDIO SUPPORT
Support LPCM, DD, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through

TAA COMPLIANT



Check out this item on our website

BG-AVTPG-KIT

BG-AVTPG-4K AND BG-AVTPG-MINI INSTALLER KIT

The BG-AVTPG-KIT combines 2 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.

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

DURABLE CHASSIS
Designed to hold up to the demands of field work

18GBPS/HDMI 2.0
The maximum bandwidth possible due to the introduction of HDMI 2.0

TAA COMPLIANT

Check out this item on our website

BG-SDITPG-G2

4K/1080P 12G-SDI VIDEO TEST PATTERN GENERATOR (12G/6G/3G/HD-SDI SUPPORT)

Introducing the BG-SDITPG-G2 12G/6G/3G/HD/SD-SDI Pattern Generator, the ultimate tool for SDI pattern generation and testing. This state-of-the-art device offers multi-format support for 12G/6G/3G/HD/SD and a wide range of test patterns, making it an essential tool for professionals in broadcasting, professional AV, and related industries.

MULTI-PATTERN FUNCTIONALITY
Still and moving video test patterns

MULTI-FORMAT SUPPORT
12G/6G/3G/HD/SD-SDI

AUDIO SUPPORT
Up to 8 channels of AES-compliant audio at 48KHz sample rate (SMPTE-291M)

TAA COMPLIANT

Check out this item on our website

BG-AVTPG-MINI-G2

8K/4K/1080P HDMI 2.1 48GPBS 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 10bit and 8K30 4:4:4, as well as common resolutions like 4K60 and 1080P.

8K SUPPORT
Supports 8K60 4:2:0 and 8K30 4:4:4, ensuring an accurate display of details and colors

HDCP TEST CAPABILITY
Validates secure content transmission

HDCP PROTECTION
HDCP 1.4 & 2.3 compliant

COMMERCIAL INTEGRATOR BEST AWARDS 2025 - INSTALLATION TOOLS & TESTERS

TOP NEW TECHNOLOGY (TNT) AWARD 2025 - CATEGORY: INSTALLATION TOOLS AND TESTERS

SCN HONORS INSTALLATION PRODUCT AWARDS WINNERS AT INFOCOMM 2024

BEST OF SHOW - NAB SHOW 2024: SOUND & VIDEO CONTRACTOR

TAA COMPLIANT

Check out this item on our website

BG-AVTPG-8K

8K UHD HDMI 2.1 48GBPS ADVANCED SIGNAL TEST GENERATOR AND ANALYZER (1080P/4K/8K SUPPORT)

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.

FUTURE PROOF
8K60 4:2:0 8-bit, 8K30 4:4:4, 4K2K 120Hz & 4K2K@60 1 0-bit/12-bit HDR pattern generator

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

BEST OF SHOW - ISE 2024: SOUND & VIDEO CONTRACTOR WINNER

2024 TOP NEW TECHNOLOGY (TNT) AWARD - CATEGORY: RESIDENTIAL > INSTALLATION TOOLS AND TESTERS

TAA COMPLIANT

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BZBGEAR®
Amplify Your World™

BZBGEAR AWARDS

BZBGEAR takes pride in its portfolio of award-winning products, recognized at numerous prestigious trade show events. These accolades reflect the innovation, quality, and performance that define our solutions. Explore what sets our award-winning products apart and discover why professionals worldwide trust BZBGEAR for their AV and broadcasting needs!

BEST OF SHOW AWARDS AT INFOCOMM 2025

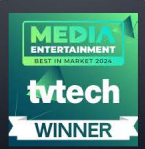
COMMERCIAL INTEGRATOR BEST AWARDS 2025

2025 SCN STELLAR SERVICE AWARDS

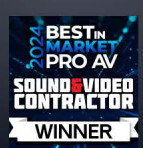
TOP NEW TECHNOLOGY (TNT) AWARD 2025

BEST OF SHOW AT ISE 2025

SVC INNOVATIVE PRODUCTS: READERS' CHOICE 2024



MEDIA & ENTERTAINMENT: BEST IN MARKET 2024 AWARDS



PRO AV BEST IN MARKET AWARDS 2024

BEST OF SHOW - IBC2024

BEST OF SHOW - CEDIA 2024

AV AWARDS 2024 - FINALIST

COMMERCIAL INTEGRATOR BEST AWARDS 2024

SCN INSTALLATION PRODUCT AWARDS 2024

2024 SCN STELLAR SERVICE AWARDS

BEST OF SHOW - NAB SHOW 2024: SOUND & VIDEO CONTRACTOR WINNER

TOP 5 PRODUCTS FOR CHURCHES FROM NAB 2024

See more BZBGEAR Awards at bzbgear.com/awards

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ABOUT BZBGEAR

Founded in 2019 and headquartered in Sacramento, California, BZBGEAR® has quickly emerged as a global leader and one-stop manufacturer of professional AV and broadcasting solutions. Dedicated to delivering excellence, BZBGEAR focuses on combining innovative design, exceptional user experience, and unparalleled lifetime product support.

OUR PRODUCTS

Each solution is meticulously crafted by a team of expert hardware and software engineers to ensure superior quality and cutting-edge functionality. Recognized for its award-winning products and industry-leading support, BZBGEAR has become the go-to choice for AV and broadcast applications, trusted by professionals worldwide.

WHAT BZBGEAR HAS TO OFFER

BZBGEAR delivers comprehensive professional AV and broadcasting solutions, including live streaming and video production products. Our mission extends beyond providing exceptional gear—we pride ourselves on unparalleled customer service and reliable seven-days-a-week technical support. Our team is celebrated for delivering outstanding assistance and ensuring customer satisfaction at every step.

At BZBGEAR, we prioritize our customers' needs and concerns, offering the highest level of professional support. By fostering relationships built on integrity and trust, we approach every interaction with honesty and fairness, always striving to place ourselves in our clients' shoes.

Our vision is to make cutting-edge AV technology accessible to everyone at a fair price. Because everyone deserves to see, hear, and experience the remarkable advancements of today's AV world

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**.

BZBGEAR WARRANTY

Pro Line Product
5-YEAR WARRANTY

Essential Line Product
3-YEAR WARRANTY

Cables Product
LIFETIME WARRANTY

Learn more about BZBGEAR at bzbgear.com/company

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bzbgear.com

1.888.499.9906 sales@bzbgear.com support@bzbgear.com info@bzbgear.com

2025

830 National Drive, Suite 140
Sacramento, CA 95834, United States