



BG-UHD-SCVEA

**Multi-format 4K UHD Scaler Converter
HDMI/DP/VGA/CVBS/YPbPr to HDMI**

The BG-UHD-SCVEA is a multi-format 4K UHD scaler converter. This unit is designed to scale and convert multiple analog and digital formats (HDMI/DP/VGA/CVBS/YPbPr) to support HDMI devices. This HDMI 1.4/DP1.1 compliant device supports output resolutions up to 4K2K@30 4:4:4 with video bandwidth speeds up to 10.2Gbps.

Embed analog audio to the HDMI output via the 3.5mm stereo input. Operate and adjust advanced settings including resolution outputs via the front panel push buttons, IR remote, or the provided control software.

FEATURES

- Supports Input HDMI1.4 /DP1.1/ VGA/CVBS/YPbPr
- IR remote / Button control
- Remote control via Micro-USB
- OSD control interface
- Input maximum pixel rate: 165MHz
- Output resolution up to 4K/30 4:4:4
- Supports multiple VESA resolutions
- De-interlacing supported
- Supports video enhancement features
- Over / under scanning adjustable
- Video H/V mirror supported
- Active video area adjustment supported



Specifications

Technical

Role of usage: HDMI/DP/VGA/CVBS/YPbPr to HDMI Converter

HDMI standards: HDMI1.4

Input Video Maximum Pixel Rate: 165MHz

Output Video bandwidth: 10.2Gbps

Output Video support: up to 4K2K@30 4:4:4

Audio support: PCM 2 (32KHz - 192KHz Fs sample rate)

ESD protection: [1] Human body model 319kV [air-gap discharge] & 312kV [contact discharge) [2] Core chipset 32kV

PCB stack-up: 4-layer board [impedance control -differential 100ff; single 50ff)

Firmware update: Via USB Port

CEC Channel: N/A

Input: 1x HDMI + 1x VGA + 1x DP+1x RCA + 1x YPbPr + 1x stereo (for VGA)

Output: 1x HDMI

HDMI connector: Type A [19-pin female)

USB connector: Micro USB

Housing: Metal enclosure

Dimensions [L x D x H]: Model: 144 x 113 x 30mm (5.6" x 4.4" x 1"); Package: 264 x 170 x 77mm (10.3" x 6.7" x 3"); Carton: 430 x 358 x 291mm (1'4" x 1'2" x 11.5")

Weight: Model: 264g (9.3 oz); Package: 724g (1.6 lbs)

Fixedness: Wall-mounting case with screws

Power supply: 12V 2A DC

Power consumption: 6 Watts (max)

Operation temperature: 0~40°C (32-104°F)

Storage temperature: -20~60°C (-4-140°F)

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.

