

## BZBGEAR BG-UHD-SCVEA Multi-format 4K UHD Scaler Converter HDMI/DP/VGA/CVBS/YPbPr to HDMI

Technical		
Role of usage	HDMI/DP/VGA/CVBS/YPbPr to HDMI Converter	
HDMI standards	HDMI 1.4	
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 $\pm 19\text{kV}$ [air-gap discharge] & $\pm 12\text{kV}$ [contact discharge] [2] Core chipset $\pm 2\text{kV}$	
PCB stack-up	4-layer board [impedance control -differential 100 $\Omega$ ; single 50 $\Omega$ ]	
Firmware update	Feasible 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	5.6" x 4.4" x 1" [144 x 113 x 30mm]
	Package	10.3" x 6.7" x 3" [264 x 170 x 77mm]
	Carton	1'4" x 1'2" x 11.5" [430 x 358 x 291mm]
Weight	Model	9.3 oz [264g]
	Package	1.6 lbs [724g]
Fixedness	Wall-mounting case with screws	
Power supply	12V 2A DC	
Power consumption	6 Watts (max)	
Operation temperature	32~104°F / 0~40°C	
Storage temperature	-4~140°F / -20~60°C	
Relative humidity	20-90% RH (no condensation)	