

## BZBGEAR BG-UHD-18GFE 4K HDMI USB KVM Extender Kit over Fiber with HDR, 2-Way IR & RS-232 & TAA Compliant (No SFP)

Technical		
Role of usage	Transmitter [TX]	Receiver [RX]
Input	1x HDMI, 1x 3.5mm	1x fiber, 1x 3.5mm
Output	1x fiber, 1x 3.5mm	1x HDMI, 1x 3.5mm
In / Out	1x RS-232, 1x USB	1x RS-232, 2x USB
HDMI compliance	HDMI 2.0a	
HDCP compliance	HDCP 2.2	
Video bandwidth	Single-link 600MHz [18Gbps]	
Video support	HDR 4K2K @ 60 (4:2:0 10bits) / 4K2K @ 60 (4:4:4 8bits)	
HDMI over fiber	Yes	
Audio support	Surround sound [up to 7.1ch] or stereo audio	
Equalization	Auto	
Input TMDS signal	1.2 Volts [peak-to-peak]	
Input DDC signal	5 Volts [peak-to-peak, TTL]	
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]	
PCB stack-up	4-layer board [impedance control — differential 100Ω; single 50Ω]	
IR pass-thru	Bi-directional	
RS-232 support	Yes	
HDMI source control	Controllable via IR pass-through from RX to TX with IR extenders	
HDMI connector	Type A [19-pin female]	
USB connector	Type A	
3.5mm connector	IR receiver / IR blaster	IR receiver / IR blaster
Mechanical		
Housing	Metal enclosure	
Dimensions [L x W x H]	Model	4.9" x4.4" x1.1" [125 x 112.2 x 28mm]   4.9" x4.4" x1.1" [125 x 112.2 x 28mm]
	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	16.3 oz [463g]   16 oz [455g]
	Package	3.8 lbs [1730g]
Fixedness	Wall-mounting case with screws	
Power supply	12V2A	
Power consumption	Max 10W	
Operation temperature	-32~122°F / 0~50°C	
Storage temperature	-4~140°F / -20~60°C	
Relative humidity	20~90% RH [no condensation]	