

BZBGEAR BG-IPGEAR-PRO-T 4K UHD HDMI 2.0 Over IP Multicast Transmitter with Video Wall/KVM/USB/POE Support

Model Name	BG-IPGEAR-PRO-T
Technical	
Role of usage	Transmitter [TX]
HDMI compliance	HDMI
HDCP compliance	Yes
Video support	Up to 4K2K @ 60 (4:4:4 8bits)
Latency	2 frames (33 ms) maximum
HDMI over UTP transmission [24-bit]	Ultra HD (4K2K60) - 120m (396ft) [CAT.X]
Audio support	Surround sound (up to 7.1ch) or stereo digital audio
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]
IR pass-thru	Full-duplex bi-directional
RS-232 support	Yes
Input	1x HDMI + 2x 3.5mm + 2x USB
Output	1x RJ45 + 1x S/PDIF + 2x 3.5mm
In/ Out	1x DIN9
HDMI source control	Controllable via IR pass-through from RX to TX and from TX to RX with IR extenders
IR remote control	Electro-optical characteristics: t = 25° / Carrier frequency: 20-60kHz
HDMI connector	Type A [19-pin female]
Min DIN connector	DIN-9
RJ45 connector	WE/SS 8P8C with 2 LED indicators
3.5mm connector	Analog audio / IR blaster & IR receiver
Mechanical	
Housing	Metal enclosure
Dimensions [L x W x H]	7.6" x 5.2" x 1.1" [194 x 133 x 28 mm]
Weight	1.5 lbs [663g]
Fixedness	Wall-mounting case with screws
Power supply	5V DC / 48V POE
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]