

BZBGear BG-VOP-MT 4K UHD HDMI 2.0 IPGear-4K AV over IP Multicast Transceiver with Video Wall and POE Support

Role of usage		Transceiver
HDMI compliance		HDMI
HDCP compliance		Yes
Input Video support		Up to 4K2K @ 60 (4:4:4 8bits)
Output Video support		Up to 4K2K @ 30 (RGB)
Latency		2 frames (33 ms) maximum
HDMI over UTP transmission [24-bit]		Ultra HD (4K2K @ 60) - 100m (328ft) [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
I/O connector		2x HDMI + 4x 3.5mm + 3x USB + 1x RJ45 + 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		IR blaster & IR receiver
Mechanical		
Housing		Metal enclosure
Dimensions [L x W x H]	Model	7" x 5.5" x 3.2" [180 x 142 x 28mm]
	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	23 oz [664g]
	Package	2 lbs [889g]
Fixedness		Wall-mounting case with screws
Power supply		5V 2A DC / 48V POE
Operation temperature		32~104°F / 0~40°C
Storage temperature		-4~140°F / -20~60°C
Relative humidity		20~90% RH [no condensation]