



**BZB GEAR®**

## **BG-USB-MR80**

**4-Port USB 2.0 Extender over Single Cat.X Cable up to 260 ft**

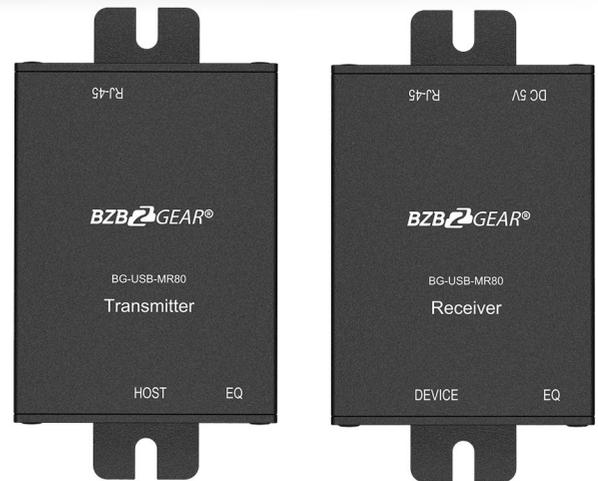
The BG-USB-MR80 is a USB 2.0 extender. This unit allows USB devices to be extended at distances up to 80 meters (264 feet) over a single category cable with transfer speeds up to 480Mb/s.

The transmitter connects to the computer while the receiver connects to USB peripheral devices such as printers, cameras, and storage devices. The receiver features a 4-port USB hub to allow connection for multiple devices.

The hot plug feature allows users to add or remove devices without rebooting while the plug and play connectivity keeps setup easy, eliminating the need to install any drivers.

### **FEATURES**

- Plug and Play: No drivers needed
- USB 2.0: 480Mb/s transfer speed
- Extends USB 2.0 signal up to 264 feet
- Hot Plug: Add or remove devices without rebooting
- USB Hub: Share connection with up to four devices
- Metal housing for extra durability
- RJ45: Uses a single standard category cable



# Specifications

## Technical

USB compliance: USB 2.0 high speed compliant

Bandwidth: Up to 480 Mbit/s

USB over UTP transmission: Up to 264feet (80 meters)

Signal Equalization: 2-pin dip switch at TX & RX

ESD protection: [1] Human body model — 319kV [air-gap discharge] & 312kV [contact discharge] [2] Core chipset — 38kV

PCB Stack-up: 4-layer board [impedance control — differential 100W; single 50W]

Input: TX: 1x USB(Type B); RX: 1x RJ-45

Output: TX: 1x RJ-45; RX: 4x USB(Type A)

USB connector: USB 2.0 Type A & B (High-Speed USB)

RJ-45 connector: WE/SS 8P8C with 2 LED indicators

Dip Switch: Signal level equalization

## Mechanical

Housing: Metal case

Dimensions [L x W x H]: Model: TX: 3.8" x 2.1" x 1" [97 x 54 x 27mm]; RX: 3.8" x 2.1" x 1" [97 x 54 x 27mm]

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: TX: 3.8oz [108g]; RX: 3.5oz [99g]

Package: TX: 8oz [226g]; RX: 7.6oz [217g]

Power supply: TX: Via USB; RX: 5V 2A DC

Power consumption: TX: 2 Watts [max]; RX: 4 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]

## 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.

