

SIMPLIFIED  
MFG

# EXUSB2.0

**USB2.0 over Category  
cable extender kit**



User Manual

**VER 1.1**

# Thank you for purchasing this device

The Simplified MFG EXUSB2.0 is designed to provide years of reliable service. At Simplified MFG, we want the experience with this device to be the best possible and are committed to helping achieve that experience.

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## 1. Introduction

The EXUSB2.0 is an USB2.0 extender that will transmit USB2.0 signals up to 40m (131ft.). Common uses are KVM extension or camera control. The ETUSB2.0 is a reliable way to extend USB devices up to the 2.0 format as far as 40m (131ft.) TX is powered by USB and if there is more current the distance will increase as much a 10 more meters.

## 2. Features

- USB 2.0 (480Mbps)
- 40m (131ft) distance
- Plug and play
- Powered on receiving end
- Compact design

### 3. Package contents

1x Transmitter

1x Receiver

1x 1m USB cable (USB-B Male to USB-A male)

1x 5V/1A Power Supply

1x Manual

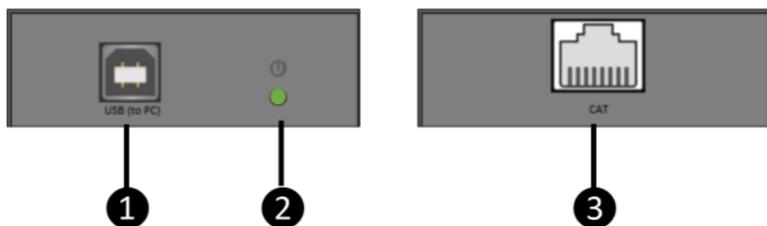
### 4. Specifications

<b>Technical</b>	
USB Protocol	Up to USB 2.0
Transmission Rate	Up to 480Mbps
Transmission Distance	40m (131ft.)
ESD Protection	Human-body Model: $\pm 8\text{kV}$ (Air-gap discharge), $\pm 4\text{kV}$ (Contact discharge)

<b>Connection</b>	
Transmitter	1× USB-B Female Input 1x RJ-45 Category cable output
Receiver	1× RJ45 Category Cable Input 2x USB-A Female
<b>Mechanical</b>	
Housing	Metal Enclosure
Color	Black
Dimensions (RX and TX)	82mm (3.23") [W] × 49mm (1.93") [D] × 20mm (.79") [H]
Weight	TX 100g/3.53oz. RX 100g/3.53oz.
Power Supply	Input: AC100~240V 50/60Hz, Output: DC5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	TX .7W / RX 1W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

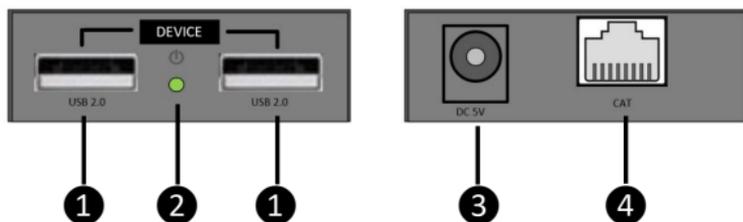
## 5.Operation Controls and Functions

### 5.1 Transmitter (TX)



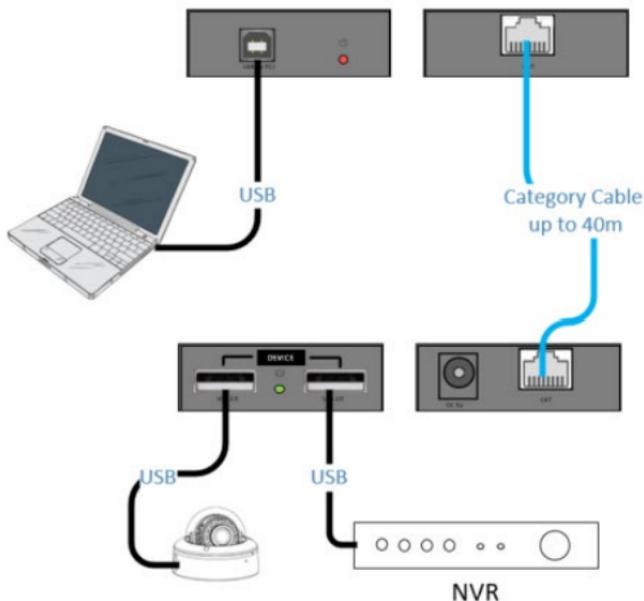
Number	Name	Function description
1	USB-B Female	Connects via supplied USB Cable to PC
2	LED Power Indicator	Illuminates when connected to USB port of computer
3	Cat Port	Connects to RX via Category cable up to 40m in length

### 5.2 Receiver (RX)



Number	Name	Function description
1	USB 2.0 Port	Connects to USB Clients (camera, NVR, etc.)
2	LED Power Indicator	LED will illuminate when RX is connected to supplied 5V power supply
3	DC 5V	Connect the supplied 5V/1A DC power supply here
4	Cat Port (RJ-45)	This RX device connects to the TX via category cable plugged in here

## 6. Application Example



## 7. Warranty

Should you feel that this product does not function adequately due to defects in materials or workmanship, we (referred to as “the warrantor”) will, for the length of the period indicated below (starting from the original date of the purchase) either a) repair the product with new or refurbished parts. Or b) Replace the product with new or refurbished product. All Simplified MFG products are covered by a 3-year warranty. During this period there will be no charge for unit repair, replacement of unit components or replacement of the product if deemed necessary. The decision to repair or replace is made by the warrantor. The purchaser must mail in the product during the warranty period. This limited warranty only covers the product purchased as new and is extended to the original purchaser only. It is non-transferrable to subsequent owners, even during the warranty period. A purchase receipt or other proof of purchase date is required for the limited warranty service.

## 8. Contact

Sales and Tech Support

P. 833-HDMI-411 (833-436-4411)

E. [info@simplifiedmfg.com](mailto:info@simplifiedmfg.com)



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