# 60m USB2.0 Extender

# **EX-60-USB2**





WyreStorm recommends reading through this document in its entirety to become familiar with the product's features prior to starting the installation process.

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- Read through the Wiring and Connections section for important wiring guidelines before creating or choosing premade cables.
- Visit the product pages to download the latest firmware, document version, additional documentation, and configuration tools.

#### In the Box

1x EX-60-USB2 Transmitter Unit

1x EX-60-USB2 Receiver Unit

1x DC 18V/1A Power Supply (US/EU/UK/AU)

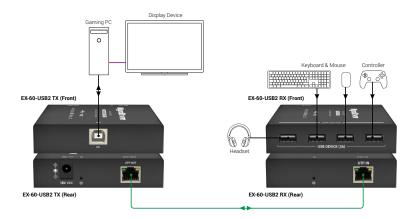
1x 1.5m USB 2.0 Type-A to Type-B Cable

4x Mounting Brackets (2x TX | 2x RX)

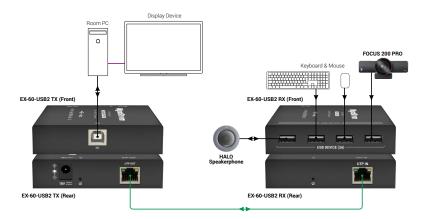
1x Quickstart Guide (This Document)

#### **Basic Wiring Diagram**

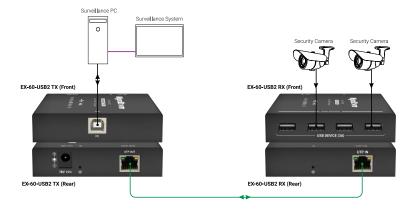
#### **Home Gaming**



# **Home Office**



# Home Surveillance



#### **Wiring and Connections**

WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the switcher. Read through this section in its entirety before running or terminating any wires to ensure proper operation and to avoid damaging the equipment.



# IMPORTANT! Wiring Guidelines

- The use of patch panels, wall plates, cable extenders, kinks in cables, and electrical or environmental interference will have an adverse effect on signal transmission which may limit performance. Steps should be taken to minimize or remove these factors completely during installation for best results.
- · WyreStorm recommends the use of shielded category cable to minimize signal noise and interference.

#### **Troubleshooting**

#### No USB Devices Found or Poor Quality Picture (snow or noisy image)

- · Verify that the USB Input and Output connections are not loose and are functioning property.
- · Verify that another USB Device works without issue.
- · Verify that the length of the USB Cables meets distance standards.

# **Specifications**

Audio and Video			
Inputs	Transmitter: 1x USB 2.0 Type-B in Receiver: 1x UTP Input (RJ45)		
Outputs	Transmitter: 1x UTP out (RJ45) Receiver: 4x USB 2.0 Type-A out		
Supported Standards	USB 2.0 (480Mbps) and USB 1.1 (12Mbps);		
Data Rate	Up to 480Mbps		
Transmission Distance	Cable Type	Range	Supported USB Devices
	Cat 5e/6/6A/7	Up to 263ft (80m)	USB-HID Device
		Up to 197ft (60m)	USB 2.0 Storage Device
Power		'	<u>'</u>
Power Supply	DC 18V/1A power		
PoC	One-way PoC supporting, Tx -> Rx		
Environmental			
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing		
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing		
Dimensions and Weight			
Height	Transmitter: 20mm/0.79in Receiver: 20mm/0.79in		
Width	Transmitter: 90mm/3.54in Receiver: 90mm/3.54in		
Depth	Transmitter: 55mm/2.17in Receiver: 71mm/2.8in		
Safety and Emission	CE   FCC   RoHS   RCM   EAC   L	JKCA	

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

#### **Warranty Information**

WyreStorm Technologies ProAV Corporation warrants that its products to be free from defects in material and workmanship under normal use for a period of five (5) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.

