100m USB 3.2 Single Gang In-Wall HDBT-USB3 Transmitter and Receiver Kit

EX-100-IW-USBC

Quickstart Guide

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

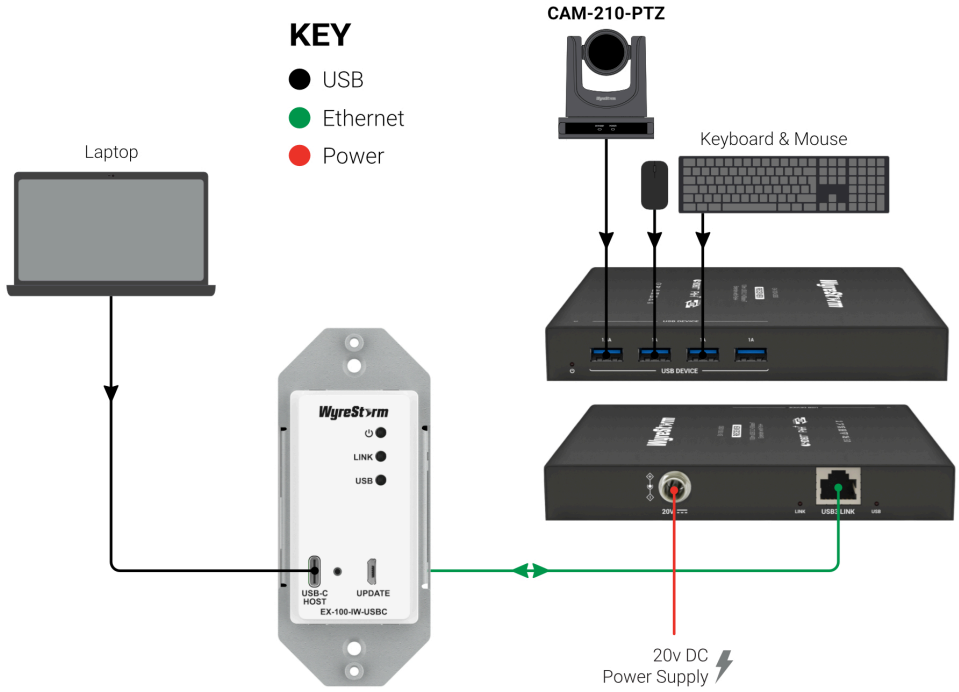
IMPORTANT! Installation Requirements

- 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.

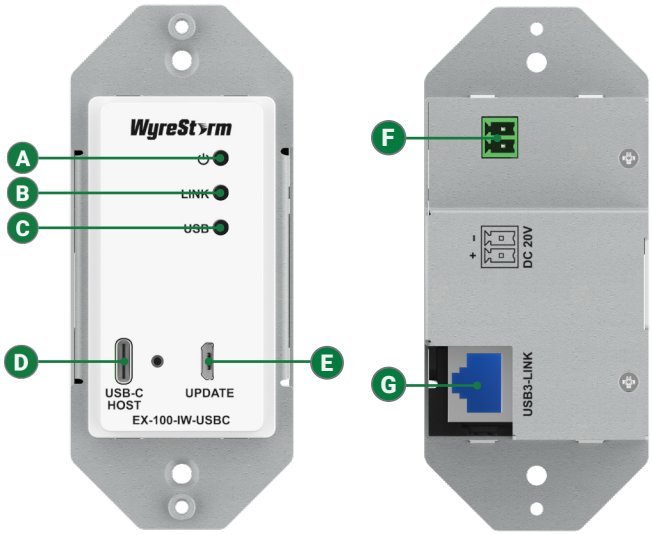
In the Box

1x EX-100-IW-USBC Transmitter
1x EX-100-IW-USBC Receiver
1x DC 20V/3A Power Adapter (US/UK/EU/AU)
1x 2m USB 3.2 Type-C to Type-C Cable
1x Wall Plate Plastic Panel (1-gang US) with Screws
2x Mounting Bracket with Screws
1x Quickstart Guide (This Document)

Basic Wiring Diagram

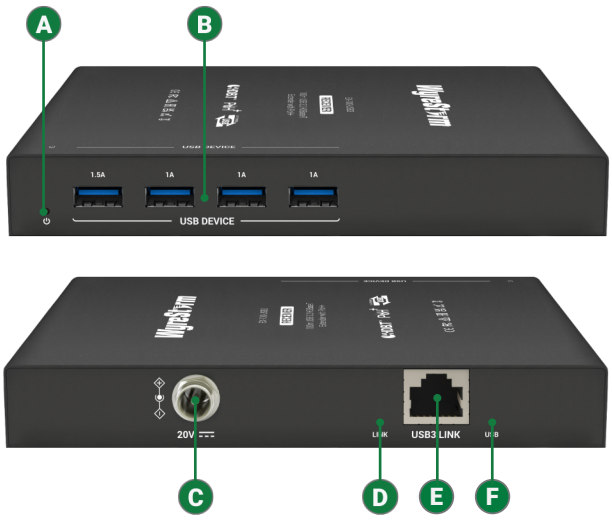


EX-100-IW-USBC (Host Side)



A	**Power LED**	**Solid:** The unit is powered On **Off:** The unit is powered Off
B	**Link LED**	**On:** Indicates link with receiving device **Off:** No link with receiver/powered off
C	**USB LED**	**On:** USB data transmission **Off:** No USB data transmission
D	**USB Host**	USB 3.0 Type C female Connection of USB Host device
E	**Update Port**	Micro USB for firmware updates
F	**DC 20V**	Connect to the 20V power adapter
G	**USB3 Link**	Connect to the receiver for USB transmission

EX-100-IW-USBC (Device Side)



A	**Power LED**	**Solid:** The unit is powered On **Off:** The unit is powered Off
B	**USB Device**	USB 3 Type A female Connection of USB peripherals
C	**DC 20V**	Connect to the 20V power adapter
D	**Link LED**	**On:** Indicates link with receiving device **Off:** No link with receiver/powered off
E	**USB3 Link**	Connect to the receiver for USB transmission
F	**USB LED**	**On:** USB data transmission **Off:** No USB data transmission

Wiring and Connections

WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the reciever and transmitter. 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 transmitters, 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 using pre-terminated USB cables due to the complexity of these connector types. Using pre-terminated cables will ensure that these connections are accurate and will not interfere with the performance of the product.

Transmission Distance

T568B straight-through category cable is recommended. Please use F/FTP or U/FTP cable, and **DO NOT** use UTP, F/UTP, or U/UTP cables.

Cable Type	Range
Cat 6A/7 (F/FTP or U/FTP) Cable	100m/330ft

Troubleshooting

No Link, or USB Device is not Recognized.

- Verify that the USB inputs and RJ45 output connections are not loose and are functioning property.
- Make sure you are using full featured USB cables made by reliable brands.
- Please use cat6A U/FTP or F/FTP cables.

Troubleshooting Tips:

WyreStorm recommends using a cable tester or connecting the cable to other devices to verify functionality.

Specifications

Audio and Video	
Inputs	**TX:** 1x USB HOST (Type C), 1x DC IN, 1x Micro USB (Firmware update port) **RX:** 4x USB 3.2 Type A, 1x RJ45 Input
Outputs	**TX:** 1x RJ45 Output
Supported Standards	USB 3.2 Gen 1, PoH
Power	
Power Supply	DC 20V 3A with locking connector
Max. Power Consumption	39.79W (USB fully-loaded) 6.94W (No USB load)
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	20.5mm/0.8in
Width	150mm/5.9in
Depth	100mm/3.93in
Regulatory	
Safety and Emission	CE | FCC | RoHS | RCM | EAC | UKCA

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.