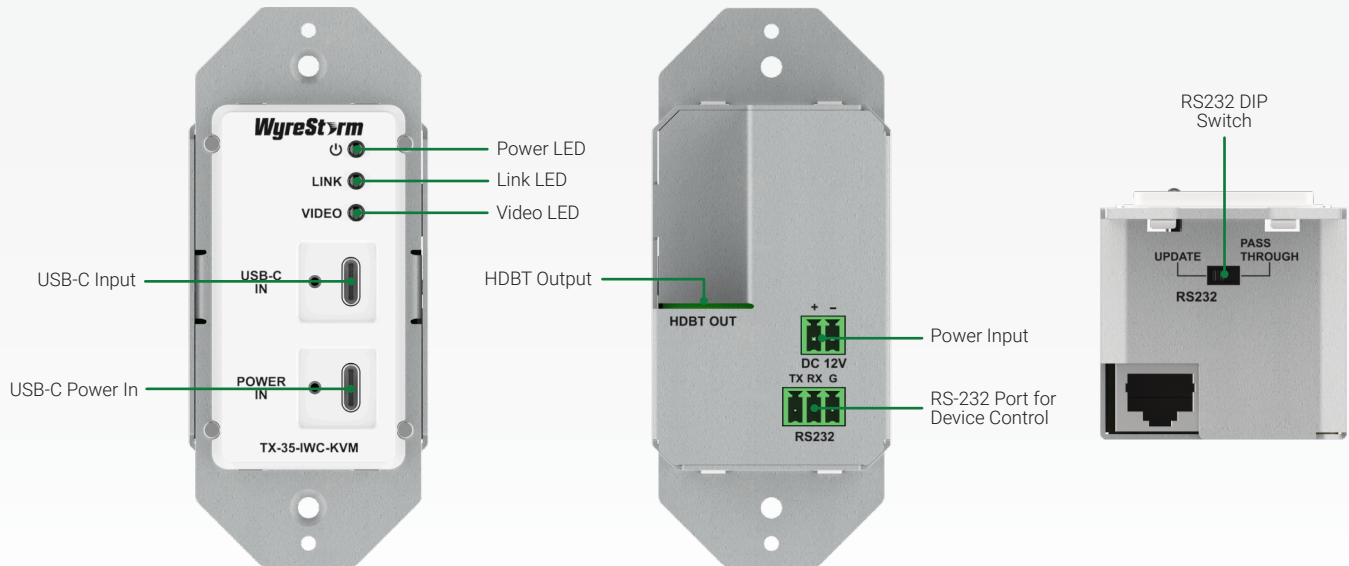


USB-C Single Gang In-Wall HDBaseT Transmitter

TX-35-IWC-KVM

WyreStorm

Specification Sheet



4K HDR HDMI HDCP 2.2

WyreStorm - Powerful. Reliable. Simple.

Introduction

The TX-35-IWC-KVM is a reliable single Gang US Style HDBaseT 2.0 Transmitter that provides a practical solution for extending video and control signals. Featuring a USB Type C input, any source support Display Port Alt mode can be extended with ease. With support for 4K 60 maximum resolution and USB 2.0 extension (150Mbps), it's well-suited for use in conference rooms, classrooms, and training facilities, ensuring that your signals are transmitted effectively to where they are needed. To enhance its performance, pairing it with the RX-500 is recommended. This setup offers a straightforward way to improve signal transmission in any professional environment. Don't forget to connect a Type C Power supply to the included power input to power your connected device with up to 100W charging!

Key Features

- Reliable HDMI extension of 4K and HD sources from a 1-Gang US decora wall plate using HDBaseT transmission technology
- HDBaseT 2.0 supporting 4K transmissions up to 35m (115ft)
- Additional 12v DC phoenix connection for local power when used with a non-PoH receiver (12v 1a PSU sold separately)
- Bi-directional RS-232 passthrough via rear facing 3-pin phoenix connection
- Automatic EDID management
- HDCP 2.2 compatible
- Conforms to IEEE-568B standards
- Compact design for convenient and unobtrusive installation
- Included Power Input for charging connected sources

In the Box

- 1x TX-35-IWC-KVM
- 1x 2 pin Phoenix Male Connector
- 1x 3-pin Phoenix Male Connector
- 1 x Wall Plate Decora Panel (1-Gang US) with Screws
- 1x 2m USB 3.2 Type-C to Type-C Cable
- 1x Quickstart Guide

Specifications

Audio and Video	
Inputs	1 x USB Type C Input 1 x USB Type C Power Input (for device charging, will not power TX)
Outputs	1x HDBT Out: RJ45 Female
Audio Formats	Supports multi-channel audio formats, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X
Video Resolutions (Max)	<p>Video Resolutions VESA: 800x600⁹, 1024x768⁹, 1024x768⁹, 1280x768⁹, 1280x800⁹, 1280x960⁹, 1280x1024⁹, 1360x768⁹, 1366x768⁹, 1400x1050⁹, 1440x900⁹, 1600x900⁹, 1600x1200⁹, 1680x1050⁹, 1920x1200⁹</p> <p>SMPTE: 1280x720P^{1,2,3,4,5,6,7,8}, 1920x1080I^{5,8}, 1920x1080P^{1,2,3,4,5,6,7,8}, 3840x2160^{2,3,5,6,8}, 4096x2160^{2,3,5,6,8}</p> <p>1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz</p> <p>NOTE: 4096x2160/3840x2160@50Hz/60Hz is based on chroma sub-sampling 4:2:0 8-bit only</p> <p>Cat5e or higher: 3840x2160p @30Hz 8bit (100m/328ft)</p>
Maximum Data Rate	5Gbps (Per lane)
USB Bandwidth over HDBaseT	150Mbps
Communication and Control	
RS-232	1x 3-pin Phoenix (Passthrough RS-232 + Update Port)
Power	
Power Supply	12V DC 3A (Sold Separately)
PoH	Transmitter can be powered by the receiver with PSE module such as RX-500.
Environmental	
Operating Temperature	0°C to +45°C (32°F to +113°F), 10% to 90%, non-condensing
Storage Temperature	-20°C to +70°C (-4°F to +158°F), 10% to 90%, non-condensing
Dimensions and Weight	
Rack Units/Wall Box	1-Gang US Style
Height	105.6mm/4.16in
Width	45mm/1.77in
Depth	45.3mm/1.78in
Weight	0.21kg/0.46lb
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA