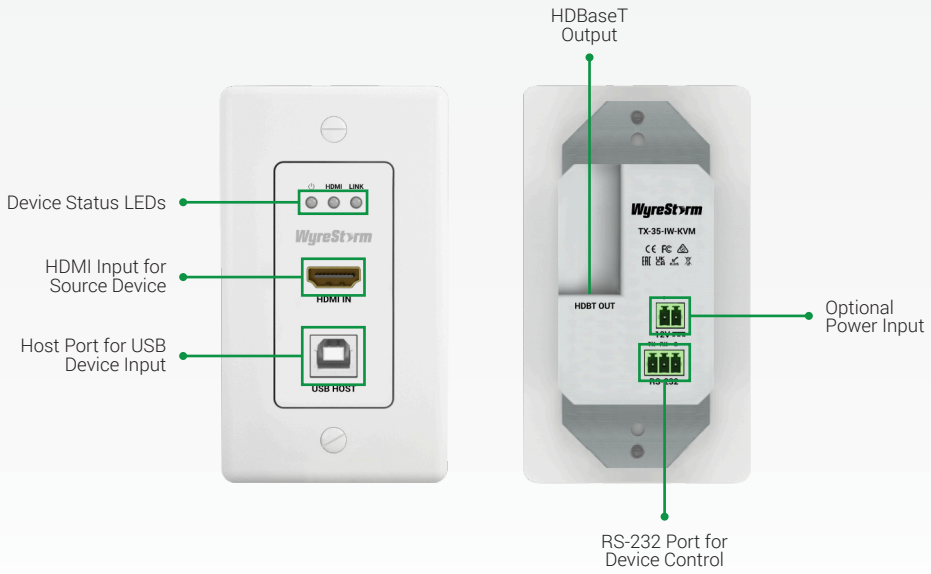
HDMI & USB Single Gang
In-Wall HDBaseT Transmitter

TX-35-IW-KVM

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The TX-35-IW-KVM is a reliable single Gang US Style HDBaseT 2.0 Transmitter that provides a practical solution for extending video and control signals. 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.

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)
- Bidirectional RS-232 passthrough via rear facing 3-pin phoenix connection
- Automatic EDID management
- HDCP 2.2 compatible
- Front panel LED indication for HDCP presence and transmission link between devices
- Conforms to IEEE-568B standards
- Compact design for convenient and unobtrusive installation

In the Box

1x TX-35-IW-KVM
1x 2 pin Phoenix Male Connector
1x 3-pin Phoenix Male Connector
1x Wall Plate Plastic Panel (1-gang US)
1x USB-B to USB-A host cable
1x Quickstart Guide

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Specifications

Audio and Video	
Inputs	1x HDMI In: 19-pin Type A 1x USB Host
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)	1920x1080p @60Hz 16bit 3840x2160p @30Hz 8bit 4:2:0 3840x2160p @60Hz 8bit 4:2:0 4096x2160p @60Hz 8bit 4:2:0
Maximum Pixel Clock	297MHz
Communication and Control	
HDMI	HDMI | HDCP 2.2 | EDID
USB	1x USB 2.0 Type B host port
RS-232	1x 3-pin Phoenix (Passthrough RS-232 + Update Port)
Power	
Power Supply	12V DC 1A (Sold Separately)
PoH	Supported, 1-Way from RX
Max. Power Consumption	4.5W
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	
Rack Units/Wall Box	1-Gang US
Height	105.6mm/4.15in
Width	45mm/1.77in
Depth	45.3mm/1.78in
Regulatory	
Safety and Emission	CE | FCC | RoHS | RCM | EAC | UKCA