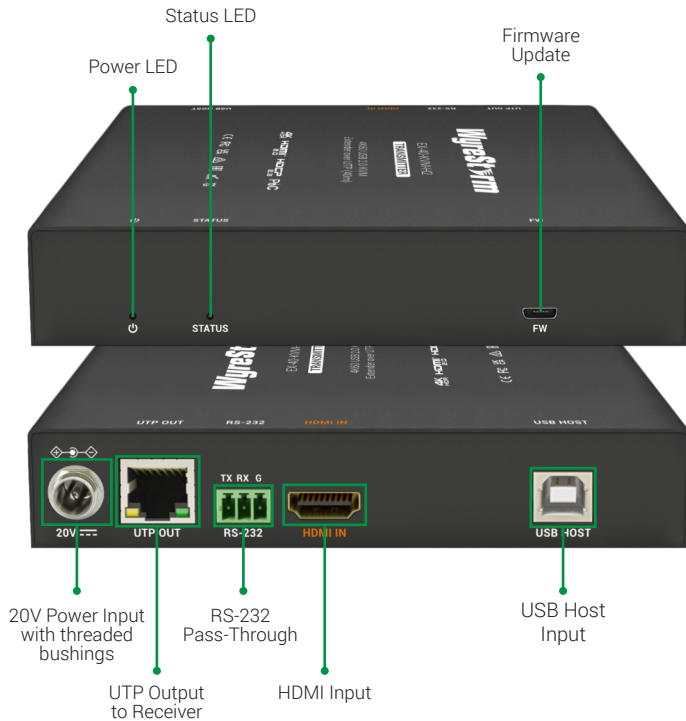


4K60 USB 2.0 KVM Extender over UTP (40m)

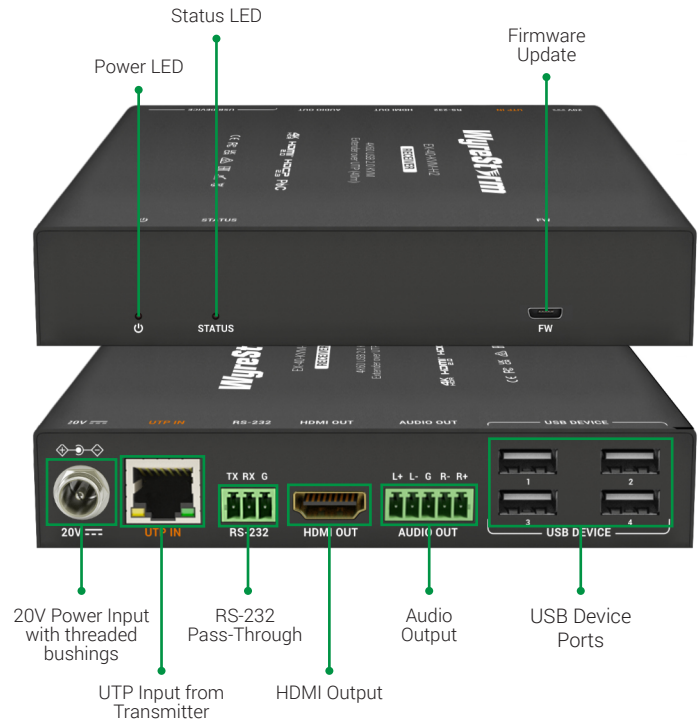
EX-40-KVM-H2

WyreStorm
Specification Sheet

Transmitter



Receiver



WyreStorm - Powerful. Reliable. Simple.

Introduction

The EX-40-KVM-H2 is a professional 4K60 HDMI and USB 2.0 KVM extender designed to transmit video, USB peripherals, audio, and control signals up to 40 meters over a single Cat6 cable. Supporting HDMI 2.0, HDCP 2.3, HDR10, and bi-directional PoC, the system enables reliable remote workstation control with zero compromise in video quality. Ideal for conference rooms, education environments, and control systems, the extender simplifies installation while delivering seamless keyboard, mouse, and peripheral extension alongside ultra-high-definition video.

Key Features

- Supports HDMI 2.0 up to 3840×2160@60Hz with HDR10 and HDCP 2.3
- 480 Mbps USB extension supporting multiple peripherals for remote system control
- Bi-directional power delivery reduces installation complexity
- Allows audio breakout and control integration for professional AV systems
- EDID copy management
- HDR10 support
- Locking power connectors
- Wall-mountable design
- Firmware upgrade via Micro-USB

In the Box

- | | |
|--------------------------------------|-----------------------------|
| 1× EX-40-KVM-H2 Transmitter | 2× 3-Pin Phoenix connectors |
| 1× EX-40-KVM-H2 Receiver | 1× 5-Pin Phoenix connector |
| 1× 20V 2A Power Supply (UK/US/EU/AU) | 1× Quick Start Guide |
| 4× Mounting ears | |

Specifications

Audio and Video	
Inputs	TX: 1x HDMI IN, 1x USB Host RX: 1x UTP IN
Outputs	TX: 1x UTP OUT RX: 1x HDMI OUT, 4x USB Device, Audio Out
Video Standard	HDMI 2.0
Max Resolution	4K@60Hz 4:4:4
Audio Formats	TX: Up to DTS-X and Dolby Atmos RX: PCM / Dolby / DTS formats
Audio De-Embed	RX: PCM 2.0 via Phoenix
HDR	HDR10
Transmission Distance	40m (131ft) over Cat6/6a/7
USB Extension	TX: USB 2.0 Host RX: 4x USB Device (480Mbps)
Communication and Control	
RS-232	Pass-through
EDID	Copy
HDCP	HDCP 2.3
Firmware Update	Micro-USB
Power	
Power	Bidirectional POC
Environmental	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
Dimensions	
Height	145mm/5.71"
Width	25mm/0.98"
Depth	90.2mm/3.55"
Weight	0.35kg/0.77lbs per unit
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.