



EX-4KU

USB & 4K HDMI with HDBaseT™ 2.0
Extension on a Single Gang Wall-Plate



FEATURES

- HDMI and USB inputs on a single-gang wall plate
- Uses HDBaseT™ 2.0 chipset
- Extends 4K video to 40 m (130 ft)
- Extends 1080p video to 70 m (230 ft)
- Includes compact Receiver (UHB-R)
- Receiver provides USB port with two outputs
- Supports all USB 1.1 and 2.0 peripherals including touch-screen LCDs
- Extends RS-232 for control
- Wall plate provides two USB charging ports for convenience
- HDCP 2.2 compliant
- Perfect for conference rooms and classrooms with Interactive displays
- Wall plate is powered from the Receiver

DESCRIPTION

The Hall Technologies EX-4KU is a kit comprised of a single-gang wall plate transmitter together with a low profile Receiver and associated power supply. The wall plate provides an HDMI video input plus a USB Host port for connection to a host such as a PC or Mac computer. The system uses HDBaseT™ 2.0 for the most reliable operation and widest compatibility possible. HDMI input supports all PC or HDTV resolutions up to and including 4K.

The USB Extension is compatible with keyboard, mouse, touch-screen or any other USB 1.1 and 2.0 device such as Smartboards, interactive displays, and USB webcams. EX-4KU HDBaseT™ Wall Plate Extender is perfect for all commercial AV and Educational (K-12) installations. No programming is required and the system can be installed and operational in minutes.

The EX-4KU can transmit HDMI signal over CAT6/6a/7 to a distance up to 130 ft for 4K@60Hz (4:2:0) or up to 230ft for 1080p60Hz. Full duplex RS-232 is also extended for installations that need added serial control. The wall plate provides two USB charging ports for added convenience. Power is sent from the receiver to the wall plate. This versatile extender includes 1 wall plate transmitter and 1 box-style receiver with corresponding universal power supply.



WALL PLATE TRANSMITTER

Ports:	HDMI In (x1) USB Type-B (x1) USB Type-A charge ports (x2)	HDBaseT OUT RJ45 (x1) RS-232 (screw terminal) (x1) HDBaseT (RJ45) (x1)
Max Video Resolutions:	HDMI 4K2K@60Hz 4:4:4 (40m) 1080P or 4Kx2K@30Hz 4:2:0 (70m)	DVI VGA (640x480) thru WUXGA (1920x1200)
Dimensions:	4.13" H x 3.61" W x 1.57" D (105 mm H x 91.8 mm W x 40 mm D)	
Weight:	0.47 lbs (1.5 lbs shipping)	

RECEIVER

Ports:	HDMI Out (x1) HDBaseT IN RJ45 (x1) IR IN 3.5 mm (x1) IR OUT 3.5 mm (x1)	RS-232 (3 pin TB) (x1) USB 2.0 HUB Type A (x2) USB-Mini (Service) (x1)
Max Video Resolutions:	HDMI 4K2K@60Hz 4:4:4 (40m) 1080P or 4Kx2K@30Hz 4:2:0 (70m)	DVI VGA (640x480) thru WUXGA (1920x1200)
HDMI Compliance:	2.0b	
HDCP Compliance:	2.2 & 1.4	
Power Supply:	INPUT AC100-240V 50/60Hz (US/EU standards, CE/FCC/UL certified)	OUTPUT DC 24V/1A
Power Consumption:	7.5 Watts	
ESD Protection:	Human Body Model±8kV (Air Discharge) & ±4kV (Contact Discharge)	
Dimensions:	6.78" x 3.84" x 0.97"	
Weight:	0.93 lbs (2.25 lbs shipping)	

GENERAL

Temperature:	Operating 0°C - 40°C/32°F - 104°F	Storage -20°C - 60°C/-4°F - 140°F
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