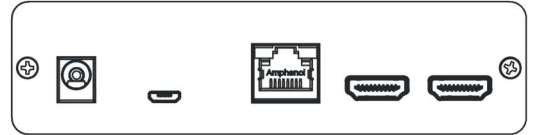


4K60Hz HDMI KVM Extender with USB2.0

Model : HE02U-4K6G



Introduction

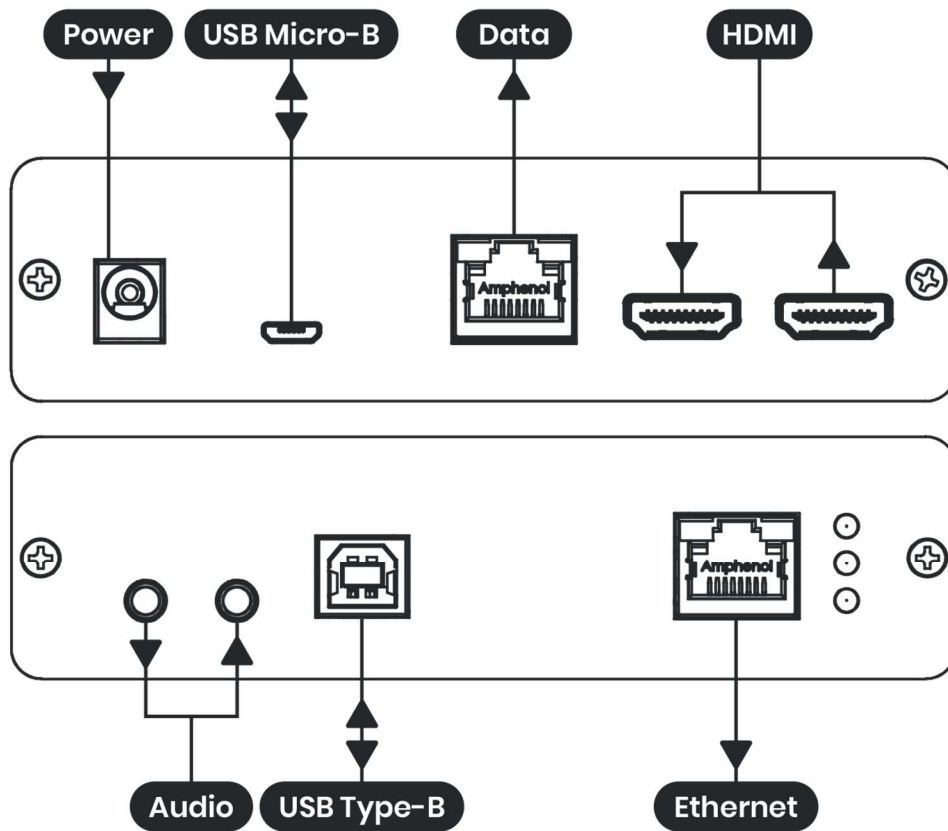
HE02U-4K6G is an HDMI over HDBaseT Extender which is able to send uncompressed video, digital & analog audio, RS232 signals, with resolution up to 4K@60Hz 4:4:4 and transmission distance up to 100M. It uses the Valens Stello VS3000 chipset, which is the only solution for long-range distribution of uncompressed video, with zero latency. The 4 built-in USB ports at RX unit can connect multiple USB devices, such as keyboards, mice, and touch panels.

Features

- Resolution up to 4K@60Hz 4:4:4
- HDCP compatible
- Signal extension up to 100M for 4K@60Hz
- Built-in 4 ports USB2.0 at RX unit
- Supports bi-directional RS232 transmission
- Supports Ethernet transmission
- Supports HDMI loopout
- Supports CEC passthrough

Input and Output Interface

HE02UT-4K6G



Power Input

- DC 5V 2A Regulated

USB Micro-B

- Firmware upgrade

Data Output

- HDBaseT transmission up to 100M

Data Input (HDMI Input)

- HDMI 2.0
- Support 4K@60Hz

HDMI Loopout

Audio Output

- 3.5mm phone jack for audio output

Audio Input

- 3.5mm phone jack for audio input

USB Type-B

- USB2.0 for Host connection

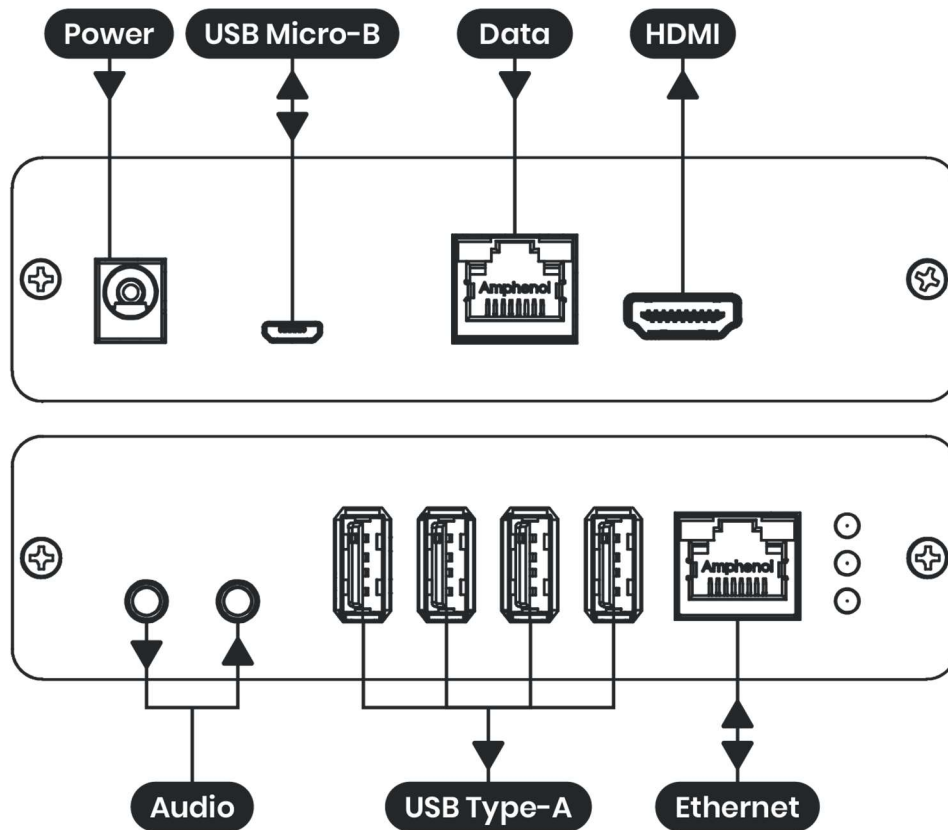
Ethernet Input

- LAN connection

LED Indicator

- Visual power/link/data transfer indicator

HE02UR-4K6G



Power Input

- DC 5V 2A Regulated

USB Micro-B

- Firmware upgrade

Data Input

- HDBaseT transmission up to 100M

Data Output (HDMI Output)

- HDMI 2.0
- Support 4K@60Hz

Audio Output

- 3.5mm phone jack for audio output

Audio Input

- 3.5mm phone jack for audio input

USB Type-A

- 4-port USB2.0 for device connection

Ethernet

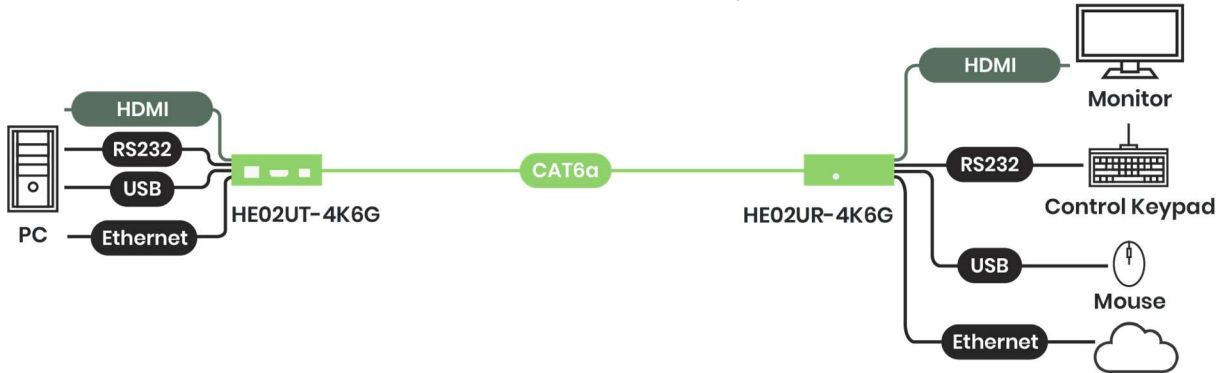
- LAN connection

LED Indicator

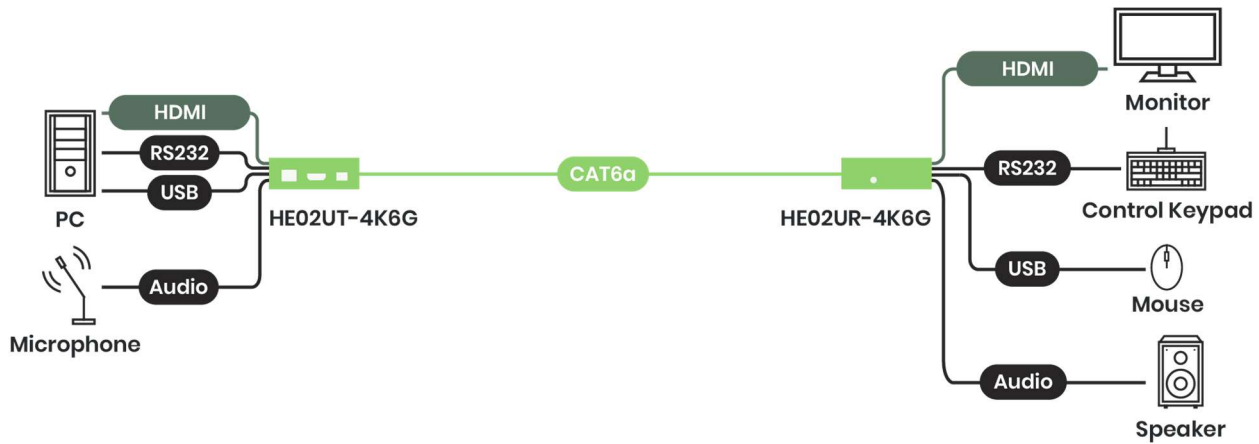
- Visual power/link/data transfer indicator

Application Diagram

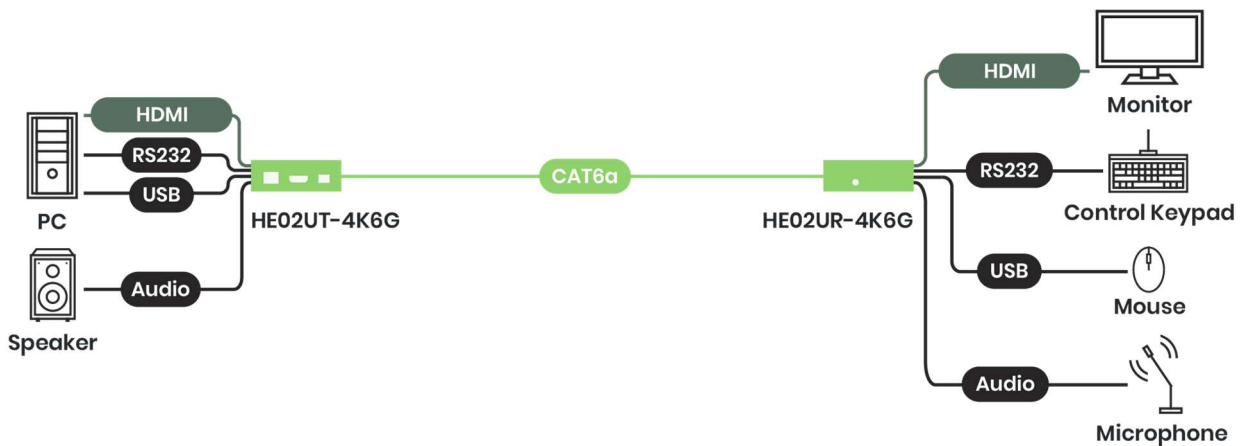
HDMI KVM extension with audio transmission from HDMI signal.



HDMI KVM extension with Audio Output to Speaker in Rx unit from Microphone Audio Input in Tx unit



HDMI KVM extension with Audio Input from Rx unit to Audio Output in Tx unit



Technical Specification

ITEM No.	HE02UT-4K6G	HE02UR-4K6G
Compliance	HDMI2.0 HDCP1.3 USB2.0	
Video Resolution	4K@60Hz 4:4:4 (Max)	
Max Transmission Distance	100M	
Audio Support	LPCM7.1@192KHz Dolby TrueHD DTS-HD MA	
RS232 Baud Rate	115200 bps/Full Duplex	
Data Input	1 x HDMI	1 x HDBaseT
Data Output	1 x HDBaseT 1 x HDMI (loopout)	1 x HDMI
USB Connector	1 x USB Type-B	4 x USB Type-A
RS232 Interface	1 x USB Micro-B	1 x USB Micro-B
Power Supply	DC 5V 2A Regulated	DC 5V 2A Regulated
Power Consumption	5W	6W
Mounting	Rack-Mount / Wall-Mount	
Operation	-40 to 70°C	
Storage	-40 to 85°C	
Operating Altitude (Max.)	2000m	
Humidity	Up to 95%	
Dimension	125 x 113 x 44mm	125 x 113 x 44mm
Weigh	-	-