HDMI KVM Extender
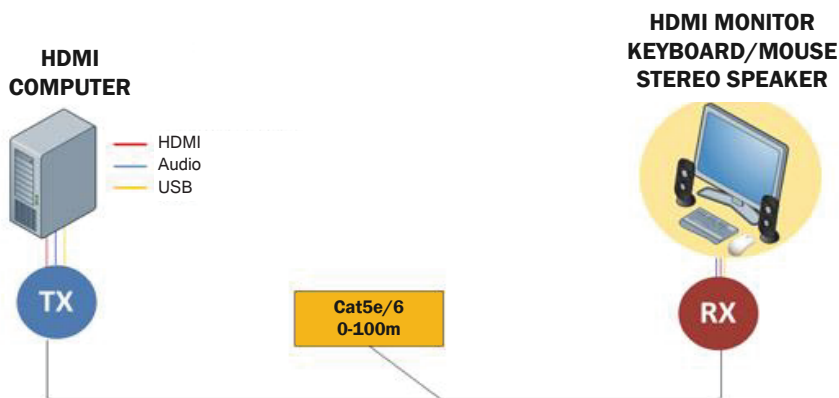
DESCRIPTIONS:

The HDMI KVM Extender is a perfect solution for HDMI with USB/IR over Cat6/ Cat5e cable. The system include HDMI KVM Extender Transmitter (TX) and HDMI KVM Extender Receiver (RX). The TX connects to PC for the HDMI source, the RX connects to display, speaker, microphone, and USB devices. The TX converts input signals (video, Audio, USB, …) into digital data form. On the other end of RXs, receiving the data from Txs, then converts back to HDMI, Audio, USB… and send to display, speaker, USB devices. The HDMI KVM Extender Perfect for AV Broadcasting, Video-Wall applications like informational displays, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.

FEATURES:

- All TX/RX are based on cat5/cat6 Rj45 Conectivity for video, Data, Audio transmission.
- Easy cabling, easy installation, easy to maintain.
- Support USB for KVM PC control, you can attach keyboard, mouse, Microphone, Speaker.
- Receiver site to control the PC at the Transmitter site.
- Support 3.5mm stereo audio, you can use speaker/microphone at the Receiver.
- Use a CAT5e/6 Cable to achieve the transmission distance of 100 meters.
- Pure hardware design, plug and play, no any additional software installation required.

HDMI COMPUTER

HDMI MONITOR
KEYBOARD/MOUSE
STEREO SPEAKER

HDMI
Audio
USB

TX

Cat5e/6
0-100m

RX

For the constant product improvement heinrich reserved the right to change speciification and information without notice.

HDMI KVM Extender

SPECIFICATION:

Function	Input	Sender: 1ch (HDMI USB Startup & Shutdown restart indicator light）
	Output	Receiver:1ch (HDMI AUDIO MIC Startup & Shutdown restart indicator light), 6 USB port
	Transmission distance	0-100m
Video interface and performance	Sender video interface	HDMI
	Receiver video interface	HDMI
	HDMI protocol	HDMI1.4
	Video color format support	24bit/deep30bit/deep36bit
	Audio format support	DTS/HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
	Video resolution	800X600@60HZ;1024X768@60HZ; 1280X720@60H;1280X800@60HZ; 1280X1024@60HZ;1360X768@60HZ; 1440X900@60HZ;1600X1200@60HZ; 1680X1050@60HZ;1920X1080@60HZ 1920X1200@60HZ; 2560X1080@60HZ;
	Input/output TMDS signal	0.5-1.5Vp-p(TTL)
	Input/output DDC signal	5Vp-p(TTL)
Audio interface and performance	Interface type	Sender USB input, receiver 3.5mm Stereo audio socket
	Bandwidth	10HZ~20KHZ
USB interface	Interface type	Sender B type female port
		Receiver A type female port
	Protocol	Support USB2.0
Transmission interface	RJ45	Cat5E/Cat6
Power supply	Adaptable voltage	Input：AC100V-240V～50/60HZ Output：DC9V/2A
	Power consumption	Sender：6W Receiver：9W
Operating environment	Working Temperature	-15-55
	Storage temperature	-40-80
	Humidity	0-95% (No condensation）