

USB DVI KVM Extender



Product Description

The KED101S USB DVI HDBaseT™ KVM extender integrates the latest HDBaseT™ technology and delivers HD DVI video, USB and stereo audio signals up to 100m via single Cat5 / Cat6 cable.

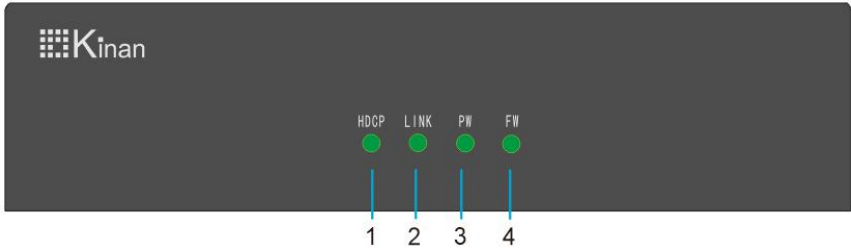
A complete set of KED101S including Transmitter (KED101S-TX) and Receiver (KED101S-RX). The Transmitter is connected to a computer or server, and the receiver is connected to a display, keyboard, audio player and other USB devices.

The KED101S enables remote high-speed access to a single computer at HD display resolution, while improving workplace ergonomics and separating employees from a noisy working environment.

Features

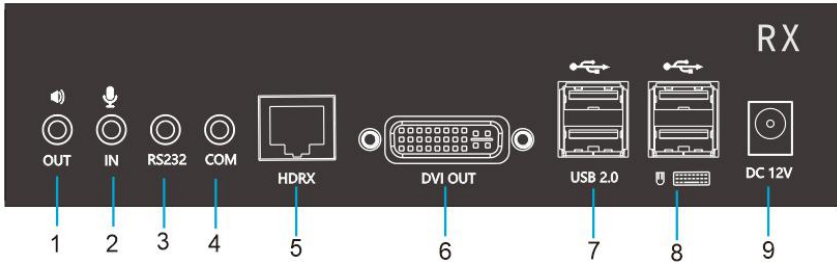
- Allows access to your computer from a remote console up to 100m
- Support USB keyboard and mouse
- Uncompressed DVI HD video, resolution up to 1920 x 1200 @60Hz@100m
- Transparent USB 2.0 – Supports a wide range of USB devices including keyboards, mice, mass storage devices and printers. It provides 4 USB ports on the Receiver and 1 USB on the Transmitter.
- Support individual 2-channel stereo audio, 1 LINEIN + 1 LINEOUT
- Extends video, audio, USB, RS-232 signals via a single Cat5e / Cat 6 cable
- Easy to install - no software required - connecting cables to the devices is all it takes
- Plug and play
- Support EDID transparent transmission

KED101S_RX (Front View)



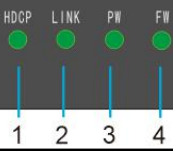
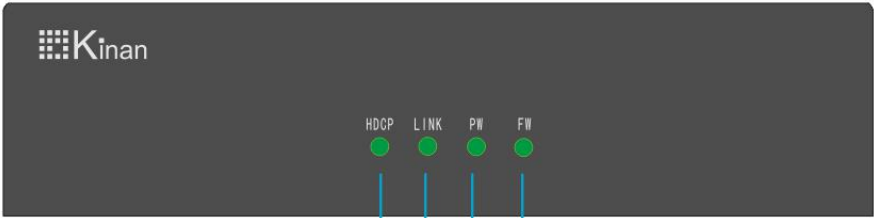
No.	Function	Description
1	HDCP	Indicate video status
2	LINK	Indicate the connection status with local unit
3	PW	Indicate power status
4	FW	Device status

KED101S_RX (Rear View)



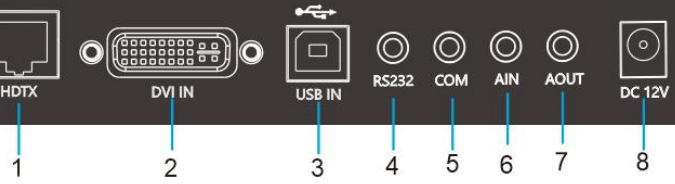
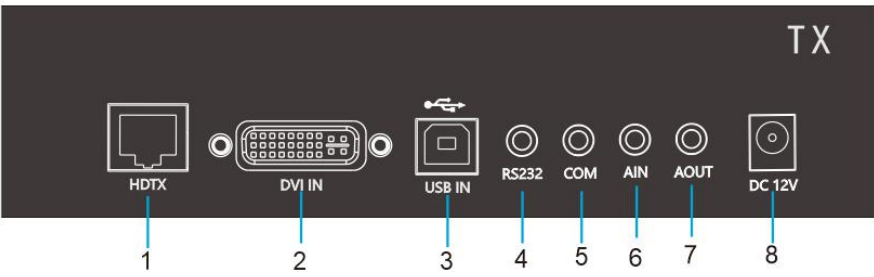
No.	Function	Description
1	OUT	Audio output
2	IN	MIC input
3	RS232	Serial port
4	COM	Reserved port
5	HDRX	CAT5E/CAT6 cable connection port
6	DVI OUT	Display connection port
7	USB2.0	Connect USB peripherals
8	USB port	Connect USB keyboard and mouse
9	Power socket	12V power connection port

KED101S_TX (Front View)



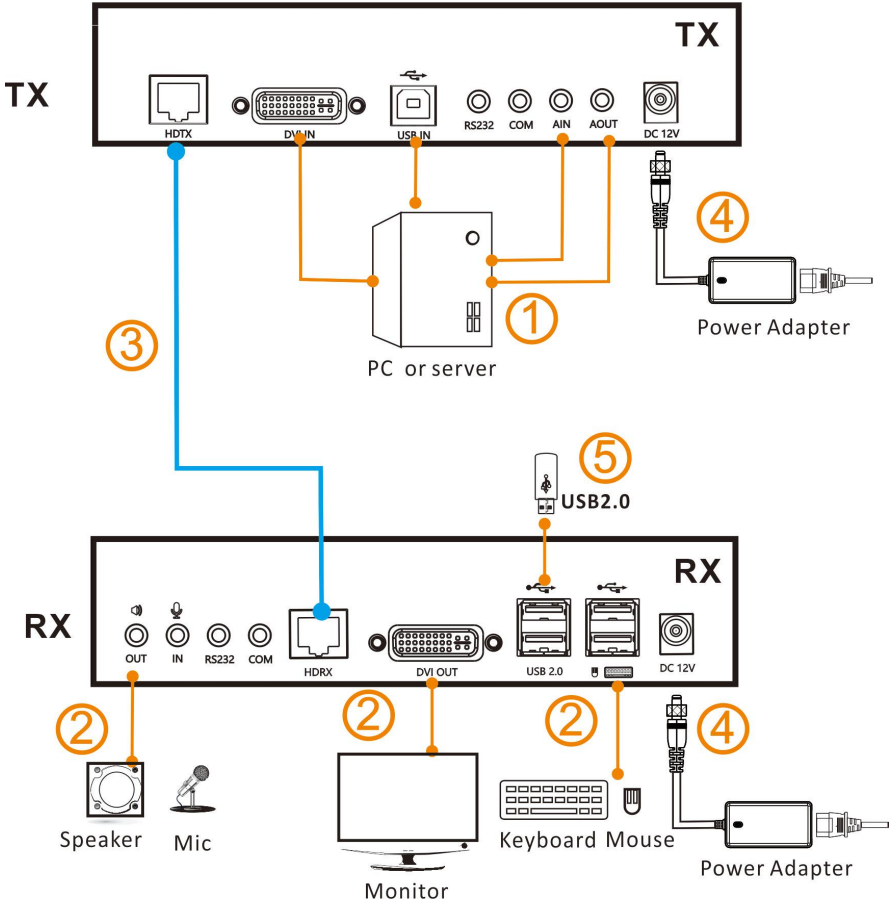
No.	Function	Description
1	HDCP	Indicate video status
2	LINK	Indicate the connection status with local unit
3	PW	Indicate power status
4	FW	Device status

KED101S_TX (Rear View)



No.	Function	Description
1	HDTX	CAT5E/CAT6 cable connection port
2	DVI IN	Video input port
3	USB IN	Server USB Connection port
4	RS232	Serial port
5	COM	Reserved port
6	AIN	Server MIC input port
7	AOUT	Server Audio output port
8	Power socket	12V power connection port

Connection Diagram



1. Connect the KED101S_TX to PC's video, USB port and audio port. (① in the above diagram)
2. Connect the KED101S_RX to keyboard, mouse, display and audio device. (② in the above diagram)
3. Connect KED101S_TX unit and KED101S_RX unit with CAT5E/CAT6 cable through the HDTX and HDRX ports. (Max 100m) (③ in the above diagram)
4. Power on the KED101S_TX and KED101S_RX unit. (④ in the above diagram)

Specifications

Model		KED101S (TX)	KED101S (RX)
Connector	DVI Input	1	NA
	DVI Output	NA	1
	Power	12V	12V
	Network	RJ45 x1	RJ45 x 1
	Microphone	3.5MM Stereo Jack (pink) x1	3.5MM Stereo Jack (pink) x1
	Speaker	3.5MM Stereo Jack (green) x1	3.5MM Stereo Jack (green) x1
	USB	1	N/A
	USB 2.0	N/A	USB x 4
Resolution		1920×1200 @ 60 Hz	
Cable		CAT 5E / 6	
I/R Value		DC12V / 2A	DC12V / 2A
Power Consumption		4W	7W
Operating Temperature		0—50 °C	
Storage Temperature		-20—60 °C	
Humidity		0—80% RH, Non-condensing	
Net Weight (kg)		0.66 kg	0.66kg
Product Dimension (W × D × H)		180mmx122mmx44mm	
Package Dimension (W × D × H)		525 mm x 226 mm x 106 mm	