High-Resolution Video KVM Extender

Usual Manual：

I.Product Introduction:

High-definition video KVM extender: (KD-550) DVI-KVM extender can extend a high-definition DVI video signal and USB keyboard, mouse signal through the network cable to extend the use of equipment to achieve Lossless transmission of high-definition video signals. This device is an active electronic device that amplifies and reshapes the signal, increases and ensures the signal bandwidth, and has the characteristics of high bandwidth, high resolution, high reliability, and long signal extension. KD-550 can extend the distance by 55 meters. And supports up to 1080P video format. It is suitable for use in securities markets, computer exhibition venues, film and television, video communication companies, education and training centers and other environments.
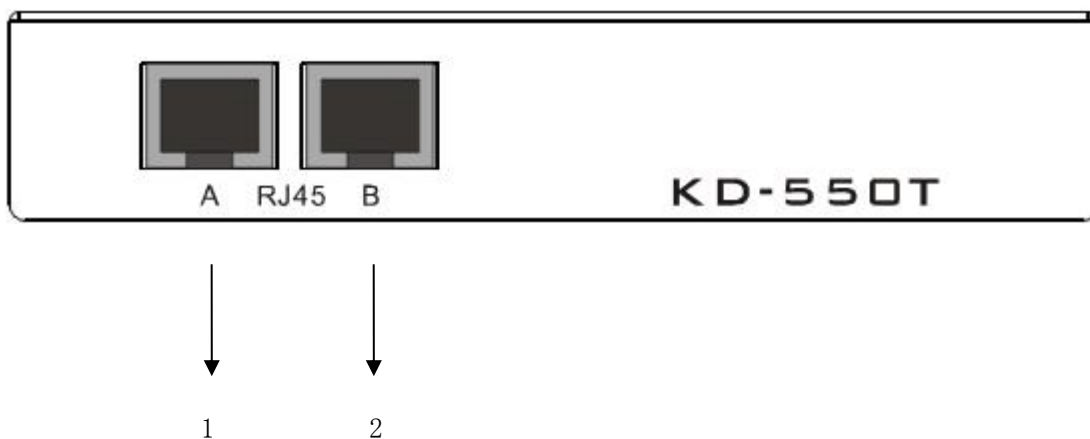
II.Safety Introduction

In order to ensure the reliable use of equipment and the safety of personnel, please observe the following during installation, use and maintenance:
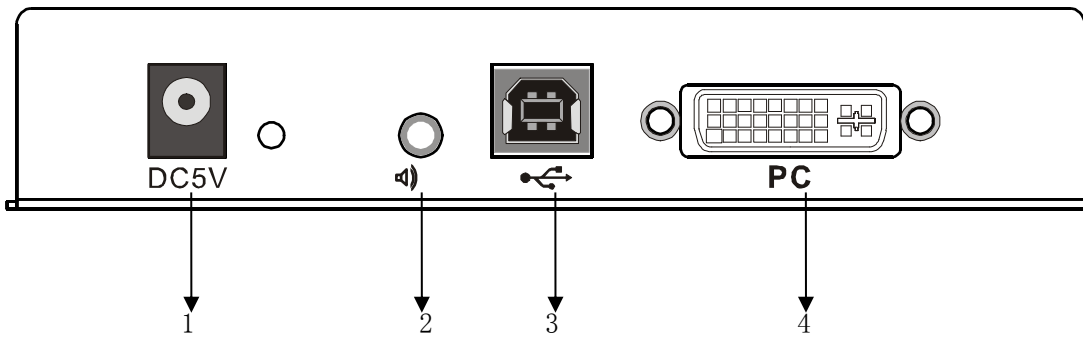
1. The input power of the equipment is 5V2000mA direct current.

2. Do not place the system equipment in a place that is too cold or too hot.

3. The power supply of the equipment will generate heat when it is working, so it is necessary to maintain good ventilation in the working environment to avoid damage to the machine due to excessive temperature.

4. Non-professionals, without permission, please do not try to open the equipment case, do not repair it privately, so as to avoid accidents or aggravate the damage to the equipment.

5.Do not spill any chemicals or liquids on or near the equipment.
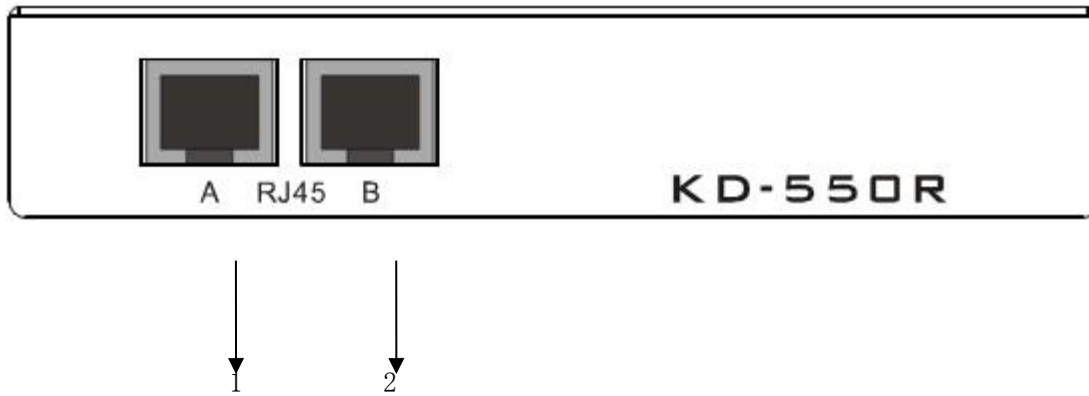
III.Product diagram：

KD-550T（Transmitter）

1、RJ45 data sending port A (keyboard, mouse, audio data)
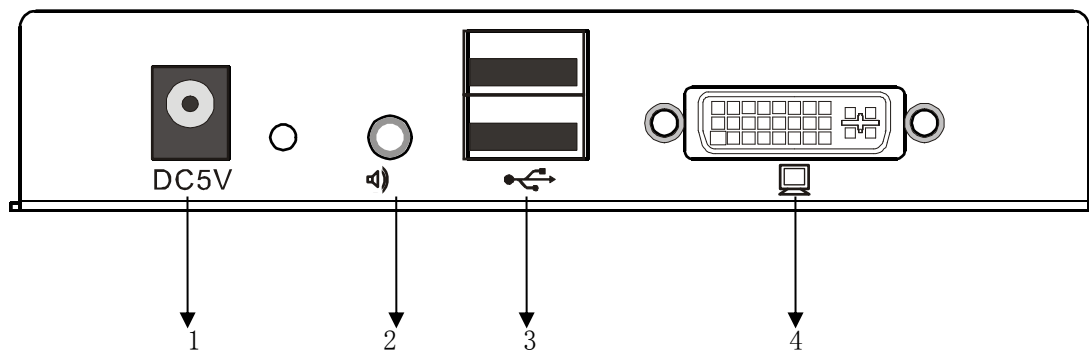
2、RJ45 data sending port B (DVI video data)

1. Power interface DC5V
2. Audio interface
3. Computer USB interface
4. Computer DVI graphics interface
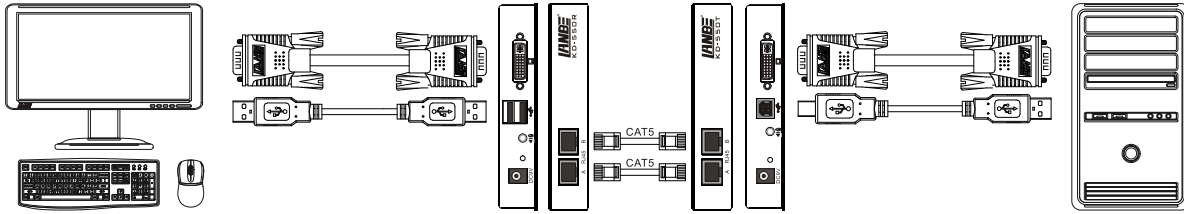
KD-550R（Receiver）

1. RJ45 data receiving port A (keyboard, mouse, audio data)
2. RJ45 data receiving port B (DVI video data)

1. Power interface DC5V
2. Audio interface
3. USB keyboard and mouse interface
4. DVI display interface

IV:Product Connection

V. Specification

Product description		KVM Extender
Extender Distance		60m
Signal	Product Model No.	KD-550
	Input video	DVI
	Optimum Resolution	1920*1080
	Max Resolution	1920*1080
	Support Format	VGA: 640 x 480, 800 x 600, 1024 x 768, 1920 x 1200 DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p
	Maximum transmission distance	55m
Connector	Video	DVI-I
	Keyboard&Mouse	USB-B/USB-A/PS/2
	Audio	3.54mm
Panel	Power Indicator	GEREEN LED
	Output indication	Video(Red LED) keyboard,Mouse(Green LED)
Dimension	Size (mm)	136mm*76mm*26mm
	Power supply	5V 2000mApower supply
Environment	Operation temperature	0~50℃
	Storage temperature	-20~60℃
	Humidity	0 - 80% RH, No condensation
Shell		Metal

VI.Common Faults and Maintenance

1) Please check when the signal has no output:

A: Whether the power cord is plugged into the device

B: Whether the connection line is damaged

C: Is there an input signal

2) If the POWER light does not light up, the power supply may be abnormal.

3) The output image is disturbed, it is possible that the input and output wires are too long, or the wire loss is too large.

4) The output image is fuzzy and tailing, please check whether there is a quality problem in the connecting line.