

HDMI KVM Extender

Over Fiber/ Cat 5

Model No. **KFH163S**



Description

- KFH163S HDMI digital KVM extender delivers 1 channel video, mouse, keyboard, USB2.0 signals of servers over fiber cables or Cat 5 cables.
- A complete set of KFH163S device consists of a transmitter (KFH163S_TX) and a receiver (KFH163S_RX). The transmitter can be connected to a computer or server, and the receiver can be connected to a monitor, keyboard, mouse, audio player and other USB devices.
- KFH 163S HDMI digital KVM extender supports signal transmission over fiber optic cable or Cat5 cable, it supports single-mode and multi-mode optical fiber.
- The maximum transmission distance of single mode is 80km, for multi mode the transmission distance is up to 300m. The max transmission distance of Cat5 cable is 150m. It supports 1 channel high-quality HDMI signals and has a wide range of applications.

Features

- Support lossless transmission by using a private video coding protocol
- Support low latency. (<16ms@60fps)
- HDMI high-definition video transmission
- HDMI high-definition video transmission, the max resolution is 3840 x 2160@30Hz, and the recommended resolution is 1920 x 1080@60Hz
- The transmission bandwidth is 200m~300Mbit/s
- Support 1000M LAN port
- Support optical fiber transmission
- The transmission distance can reach 150m when using Cat5e for direct connection
- Support USB2.0 transparent transmission- 4 USB peripherals, such as encrypted U-drive, face recognition, USB printer, etc.
- Support 1-channel asynchronous serial transmission
- Support analog video and microphone
- Support point-to-point dial-up connection
- Built-in ESD Protection circuit can effectively prevent static electricity

Specification

Specification		KFH163S_TX	KFH163S_RX
Connection	HDMI Input	1	NA
	HDMI Output	NA	1
	Power	12V	12V
	LAN Port	RJ45 x 1	RJ45 x 1
	SFP Port	SFP x 1	SFP x 1
	Microphone	3.5mm Stereo Jack(Pink)	3.5mm Stereo Jack(Pink)
	Speaker	3.5mm Stereo Jack(Green)	3.5mm Stereo Jack(Green)
	IR Interface	3.5mm Stereo Jack(Black)	3.5mm Stereo Jack(Black)
	Square USB	1	N/A
	USB 2.0	N/A	USB x 4
Max Resolution	3840*2160@30Hz		
Connected Cables	Cat5\6 or Optical Fiber Cable		
Power Input	DC12V / 2A	DC12V / 2A	
Power Consumption	5W	5W	
Operating Temperature	0-50 °C		
Storage Temperature	-20-60 °C		
Humidity	0-80% RH, non-condensing		
Net Weight (kg)	0.81kg	0.81kg	
Material	Metal		
Product Dimension (W × D × H)	189×144×44mm	189×144×44mm	

Connection Diagram

