KVM EXTENDER MANUAL

Industrial Products

Information Release Screen Splicing

Video Conference Teaching Projection

Product Introduction

KVM Extender is one of our independent development products. The newest promoted KVM Extender has high quality of imagine, remote keyboard and mouse action does not have the time delay. It may widely apply in the computer, monitor, security, multimedia teaching systems and so on. It could extend keyboard, mouse and video ports on computer up to 100m-200m-300m.It promotes the function of anti-thunder and antijamming to make sure the security and stability.

Industrial-Grade KVM Extender Product List

Serial Number	product Name	Product Feature
1	100M KVM EXTENDER	Transmit VGA video and USB signal over one network cable 100M, Manual regulation, Lightning protection.
2	200M KVM EXTENDER	Transmit VGA video and USB signal over one network cable 200M, Manual regulation, Lightning protection.
3	300M KVM EXTENDER	Transmit VGA video and USB signal over one network cable 300M, Manual regulation, Lightning protection.

Features And Benefits

1. It can extend the power switch of the computer, keyboard, mouse and video port max of 100-200-300m
2. It can be switched from remote monitor to local monitor or switched from local monitor to remote monitor by the keystroke on the Sender or SCROLL on the local keyboard
3. Use the single cable (CAT5,CAT5E,CAT6), the cost is inexpensive
4. It supports (USB) keyboard and mouse, it supports (VGA) port monitor
5. It can remove and insert the local and remote keyboard and mouse
6. Power on computer use the emulational keyboard and mouse
7. It supports DOS, Windows, Linux, Unix system
8. It does not need a driver, it is simple to install
9. The remote keyboard and mouse display is in real-time
10. The anti-jamming is strong
11. The anti-lightning and anti-invasion is strong Cascade operation for increasing the distance
12. Index of anti-lightning and anti-invasion: withstand air-discharge 15KV, contiguity-discharge 8KV

Parameter

Product Name:	KVM Extender	
Product Model No.:	LM-K101TRU, LM-K102TRU, LM-K103TRU	
Product Feature:	Transmit VGA video and USB signal over one network cable 100M-200M-300M,Manual regulation, Lightning protection.	
input connector:	1-ch VGA+ 1-ch USB	
output connector:	1-VGA, 2-USB	
local output:	HD15PIN(VGA)	
bandwidth:	100M	350MHZ
	200M	500MHZ
	300M	680MHZ
input level range:	0.5-2.0Vp-p	
input level error:	less than 3mV	
input impedance:	75Ω	
output impedance:	75Ω	
echo ullage:	-30dB@5MHz	
Max DC compensation:	±5mV-0	
SNR:	60dB	
Connector standard:	HDB15, USB, Mini-DIN6, RJ45	
Video standard:	VGA, SVGA, XGA, SXGA, UXGA, LCD	
Cable standard:	CAT5, CAT5E, CAT6 UTP	
Power adapter:	DC12V/1A	
operational temperature:	-25℃~+70℃	
deposited temperature:	-40℃~+80℃	
relative humidity:	0-95%(non-condensing)	
MTBF:	>30000 hours	

Supplier Standard List

1. KVM extender transmitter receiver
2. 12V/1A power adapter
3. USB cable
4. the manual
5. factory maintenance card

Application Case