KA236 USB 2.0 EXTENDER 150METER WITH 4 PORTS HUB



Introduction:

This is a USB 2.0 extender, which can realize one-to-one connection through CAT5e/6/7 network cables, with a transmission distance of up to 100m for CAT5e and 150m for CAT6 and above; when the connection passes through the switch, the input and output cable distances can reach 100m respectively.

Features:

1. Support USB 2.0 High-Speed, Compatible with USB 1.1 Full-Speed, USB1.0 Low-Speed.
2. Support 4 USB 2.0 inputs and 1 USB 2.0 output.
3. Compatible with CAT5e/6/7 network cables, CAT5e transmission distance can reach 100m, and CAT6/7 transmission distance can reach 150m.
4. Support USB hub connection.
5. The transmitter is powered by the source device, no additional power supply is required.
6. Support switch relay, the transmission distance of signals can be increased through the switch.
7. Support hot-plugging of USB devices and automatically identify USB High-Speed, Full-Speed and Low-Speed
8. Lightning protection, surge protection, ESD protection.
9. Plug and play.

Specification:

Item	Parameters
Compatibility	USB 2.0, compatible with USB1.1, USB1.0
Transmission Rate	Compatible with High-Speed(480Mbps), Full-Speed(12Mbps), Low-Speed(1.5Mbps)
Transmission Distance	CAT5e≤100m； CAT6/6A/7≤150m
USB Device	Support printer, camera, scanner, USB flash drive, keyboard, mouse, touch screen...
Switch Extension	Supports Gigabit switches
USB Hot-Plug	Support
Operating System	Windows, MacOS, Linux, Android
USB-A	4 ports USB-A input 1 port USB-A output
Standard	CAT5e/CAT6/CAT6A/CAT7， Follow IEEE-568B
Physical Properties	
Housing	Iron
Dimensions	76.0(L) x 60.0(W) x 21.0(H) mm
Weight	Tx: 123g Rx: 128g
Color	Black
Power	
Power Supply	TX： powered by the source device RX：DC5V/1A
Power Consumption	TX≤2W RX≤2W
Operating Environment	
Working temperature	-20 ~ 60℃
Storage temperature	-30 ~ 70℃
Humidity	0 ~ 90% （No condensation）
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2
	Lightning protection, Surge protection
Application	
Industrial Control, KVM Extension, Professional AV, Security and Monitoring, Gaming, etc.	

Supports all USB 2.0 devices up to 480Mbps





Support printers, scanners, cameras, USB drives, keyboards, mice and more, also can be compatible for USB1.1(12Mbps) and USB1.0 (1.5Mbps). Which can be widely applied in daily office, computer teaching system, video conference, monitoring and etc.



Extension distance can be up to 150m over a CAT6 cable or 100m over a CAT5e cable from a computer, also supports double distance via a network switch



Supports 4 USB2.0 outputs in a receiver and supports USB hubs for more peripheral devices

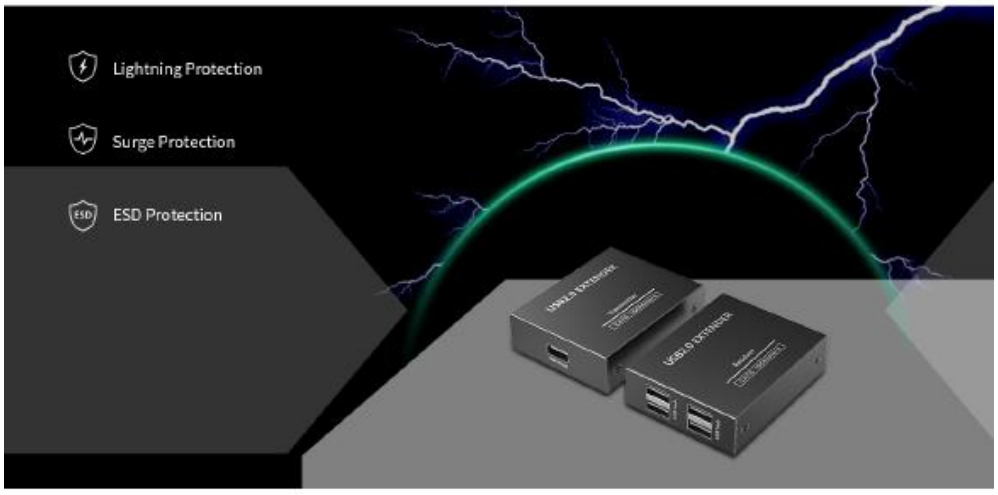


Transmitter can be powered by source device directly

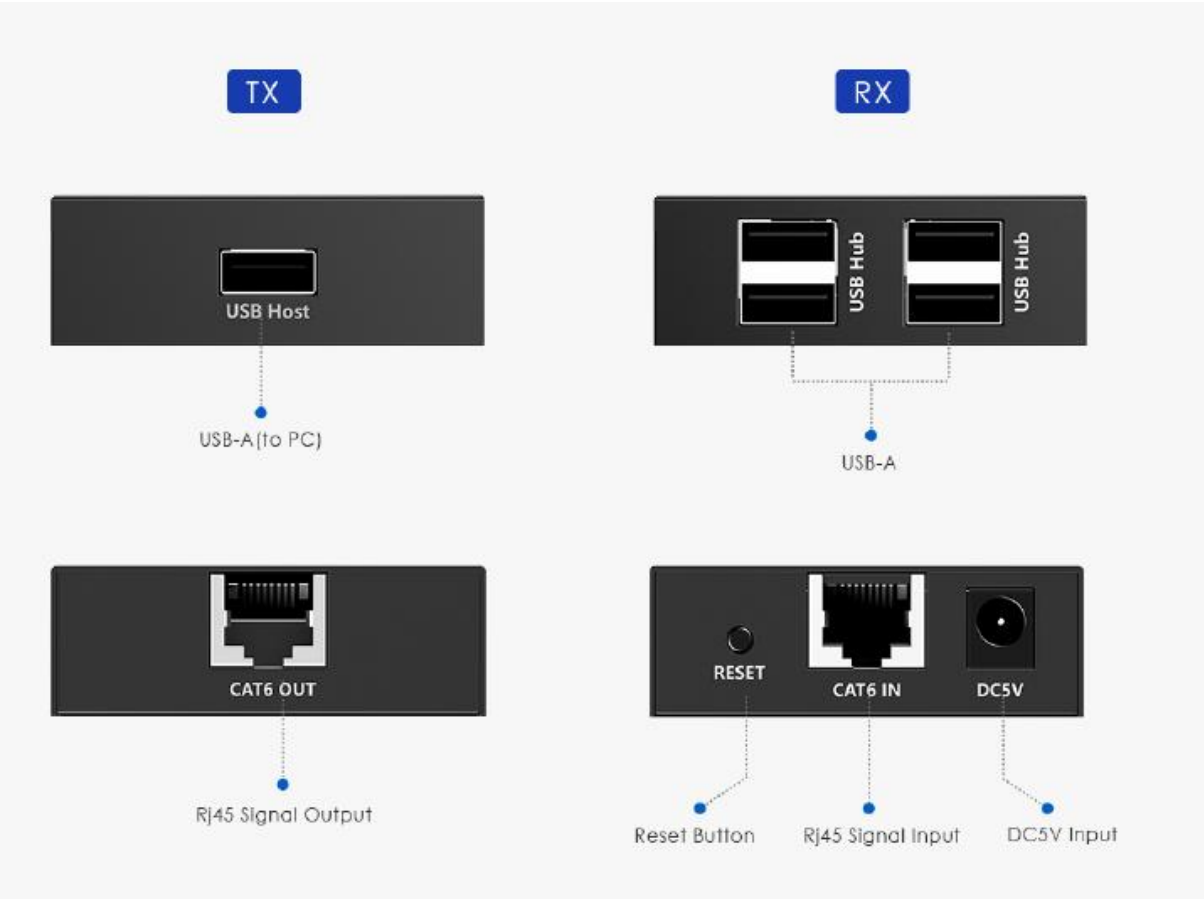


Plug and play and supports all major operating systems: Windows, Mac OS and Linux

Lightning protection/Surge protection/ESD protection

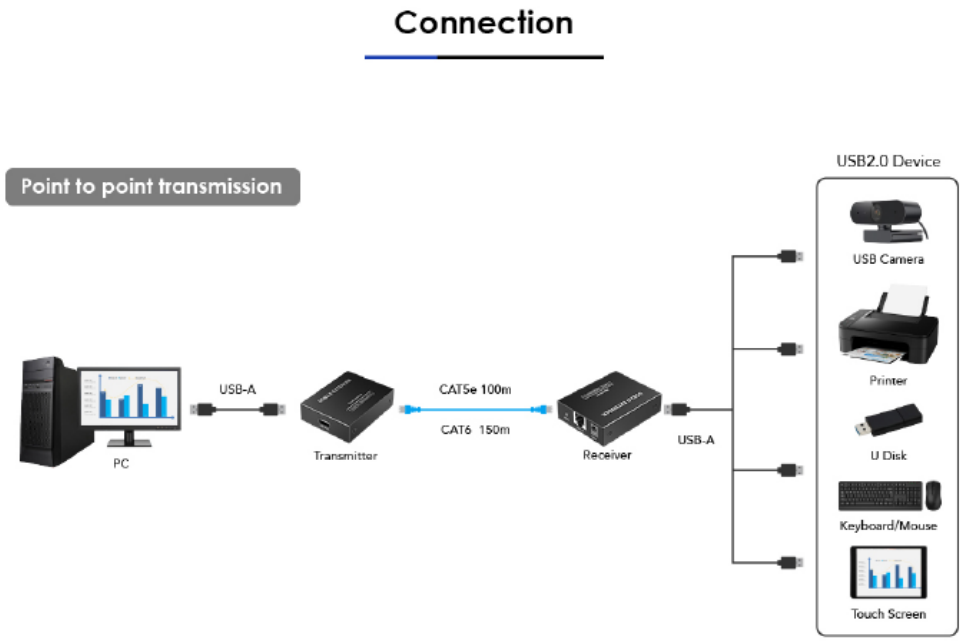


I/O Ports:


TX
RX
USB Host
USB-A (to PC)
USB Hub
USB Hub
USB-A
CAT6 OUT
RJ45 Signal Output
RESET
CAT6 IN
DC5V
Reset Button
RJ45 Signal Input
DC5V Input

Installation Procedures

- **One-to-one connection**



- **Switch relay**

