KanexPro®

USB 2.0 Extender over Cat6 100 Meters

The extender offers the most convenient solution for USB 2.o extension over a single Cat5e/6 with long distance capability and is the perfect solution for any application.

MPN: EXT-USB2100M

The KanexPro EXT-USB2100M extender is a compact USB 2.0 transmitter receiver set designed to extend USB 2.0 (480Mbps) signals from a Printer, touch screen, USB hub, USB camera or Human Interface Device (HID) to a Host PC remotely located 164 feet away. The system is simple, plug and play and it's ready to go. No drive and setting installation required.

Industry Standard USB 2.0 480Mbps

USB 2.0 (High-speed USB) provides enough bandwidth for multimedia and storage application. USB 2.0 has full forward and backward compatibility with original USB 1.1 devices and works with cables and connectors made for original USB, too.

Applications:

USB 2.0 supports low-bandwidth devices such as keyboards and mice, as well as high-bandwidth ones like high-resolution webcams, scanners, printers and high-capacity storage systems.

TOP PERFORMANCE

The extender kit includes two units: transmitter unit and receiver unit.

1. **Residential installations:** Great for extending a webcam used for that work from home zoom meeting

2. **Educational Environments:** Can be used to extend a computer connection to a digital projector screen or to an in-class meeting camera system.

3. **Digital Signage:** HID (Human Interface Device) capable displays require a USB 2.0 connection to pass the touch and control data to the host PC. Also, connect a mass storage device from an easy to reach convenient location away from the host PC or Display.

FEATURES

- Ultra Slim 330ft. (100m) USB 2.0 extender
- Simple plug and play, no drive and setting installation required
- Supports USB 2.0 protocol, transmission rate up to 480Mbps
- Features one USB-B port input in transmitter
- Features two USB 2.0 ports outputs on the receiver
- Compact design for easy and flexible installation

SPECIFICATIONS

Technical

USB protocol:	USB 2.0	**Operating Temperature:**	0°C ~ 40°C / 32°F ~ 104°F
Transmission rate:	Up to 480Mbps	**Storage Temperature:**	-20°C ~ 60°C / -4°F ~ 140°F
Transmission distance:	100M (328ft)	**Relative Humidity:**	20-90% RH (non-condensing)
ESD Protection:	Human-body Model ±38kV (Air-gap discharge), 34kV (Contact discharge)		
Transmitter Input port:	1xUSB [USB-B, female]		
Output port:	1xCAT [RJ45, female]		
Receiver	Input port: 1xCAT [RJ45, female]		
	Output port: 2xUSB [USB-A, female]		

Mechanical

Housing:	Metal Enclosure
Color:	Black
Dimensions:	**Transmitter/Receiver:** 82mm x49mm x20mm
Weight:	**Transmitter / Receiver:** 100g
Power Supply	**Input:** AC100~240V 50/60Hz,
	Output: DC 12V/1A
Power Consumption	**Transmitter:** 1.3W, **Receiver:** 2.3W

APPLICATION DIAGRAM

TRANSMITTER

USB (TO PC)

CAT 5e/6

DEVICE

USB 2.0   USB 2.0

RECEIVER

USB Drive

Printer

DC 5V   CAT