



Introduction

The Atlona **AT-USB-EX100-KIT** is a long-distance extender kit for high speed USB signals. It supports transmission of USB 2.0 data up to 330 feet (100 meters) using a single, cost effective Category-type twisted pair cable. The AT-USB-EX100-KIT is ideal for popular conferencing applications such as Zoom® and Microsoft® Teams®, where USB components including laptops, cameras, microphones, and speakers are located in different areas of the room. The kit is also suitable in classrooms for routing USB between an interactive display or projector, and the instructor's laptop. The AT-USB-EX100-KIT includes both transmitter and receiver endpoints. Compact enclosures and included brackets allow the devices to be discretely mounted near computers and USB peripherals. The AT-USB-EX100-KIT is a great solution for connecting USB components separated by distances not supported by traditional cabling.

Applications

- **Video conferencing**
The USB-EX100-KIT is ideal for soft codec and web-based conferencing applications, allowing the PC and speakerphone or microphone at a meeting table to interface with the camera or soundbar at the wall-mounted display.
- **Interactive displays and projectors**
The USB-EX100-KIT can also provide USB extension for a touch-enabled display or projector, allowing remote control of a computer located at a meeting table, lectern, or desk.

Specifications

USB	
Signal	2.0
Maximum Data Rate	280 Mbps
Maximum Current Draw	500 mA (per Type-A port)

Distance	Feet	Meters
CAT5e/6	330	100

Buttons and Indicators	
Function Indicators: PWR (TX / RX)	1 - LED, green

Connectors	
DEVICE (TX)	2 - USB Type-A
HOST (TX)	1 - USB Type-B
FW (TX)	1 - micro-USB
HDBaseT OUT (TX)	1 - RJ45
DC 5V (TX)	1 - Barrel connector, locking
DEVICE (RX)	4 - USB Type-A
FW (RX)	1 - micro-USB
HDBaseT IN (RX)	1 - RJ45
DC 5V (RX)	1 - Barrel connector, locking

Environmental	Fahrenheit	Celsius
Operating Temperature	+32 to +122	0 to +50
Storage Temperature	-4 to +140	-20 to +60
Operating Humidity (RH)	20% to 90%, non-condensing	

Power	
Consumption	TX: 8.27 W RX: 15.76 W
External Power Supply	100 - 240 V AC, 50/60 Hz Output: 5 V / 4 A DC

Dimensions (H x W x D)	Inches	Millimeters
Unit (TX / RX)	1.02 x 4.29 x 3.76	26 x 109 x 95
Power Supply (AT-PS-54-L)	1.22 x 1.97 x 3.17	31 x 50 x 80.6

Weight	Pounds	Kilograms
Device (TX / RX)	0.62	0.281

Certification	
Device	CE, FCC
Power Supply	CE, FCC, UL