

## 1-Port USB 2.0 CAT5e/6/7 Extender



### FEATURES

- ◆ Flexible power, locate power at local or remote.
- ◆ Supplies up to 1 amp per port.
- ◆ Mass storage acceleration for USB 2.0 device bulk transfers.
- ◆ Supports throughputs of up to 480 Mbps.
- ◆ Transparent extension for USB 2.0/1.1.
- ◆ Plug and play; no software drivers needed.
- ◆ Works with all major operating systems: Windows®, Mac OS®, and Linux®.

### APPLICATIONS

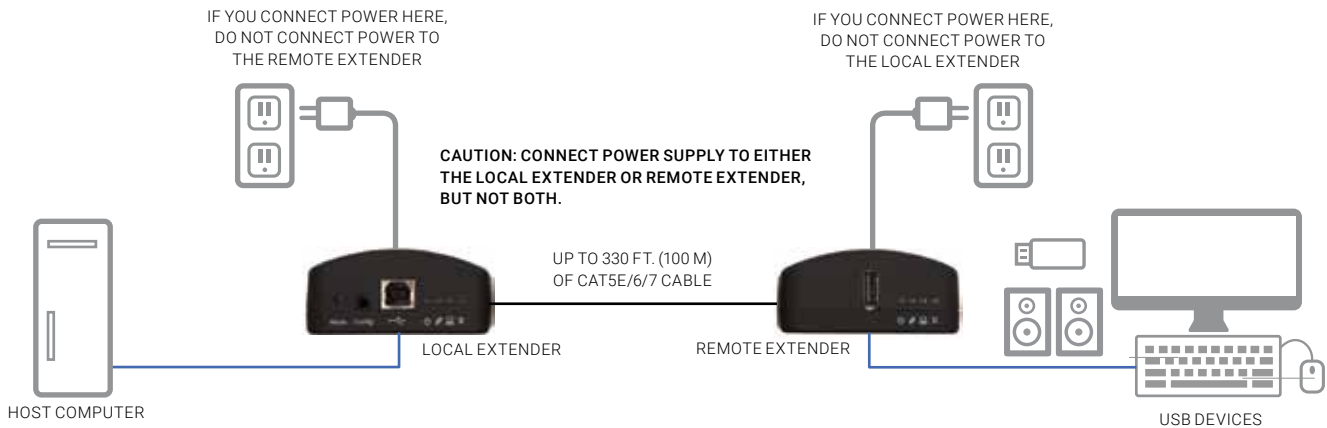
- ◆ Interactive whiteboards.
- ◆ Digital signage, touchscreen extension.
- ◆ Keyboard and mouse extension.
- ◆ USB camera extension.

# 1-Port USB 2.0 Extender CAT5e/6/7 Data Sheet

**TABLE 1-1. SPECIFICATIONS**

<b>SPECIFICATION</b>	<b>DESCRIPTION</b>
<b>General</b>	
Range	Up to 100 m (330 ft.) over Cat 5e/6/7 cable
USB Device Support	High-speed devices (480 Mbps) (USB 2.0)
	Full-speed devices (12 Mbps) (USB 1.1)
	Low-speed devices (1.5 Mbps) (USB 1.1)
Maximum USB Devices Supported	30 USB devices or 4 USB hubs with 26 USB devices
Power Supply	Input: 100-240 VAC
	Output: 24 VDC, 1 A
AC Adapter Connector	2.1-mm center-positive jack
Current Available to USB Device at Remote Extender	Up to 1 Amp
Mounting	Slots for Cable Ties
Enclosure Material	Black ABS with Rubberized Coating
System Shipping Weight	1.416 lb. (0.642 kg)
<b>Local Extender</b>	
USB Connector	(1) USB 2.0 Type B
Link Connector	(1) RJ-45
Dimensions	1.2"H x 3.4"W x 2.6"D (3 x 8.75 x 6.5 cm)
<b>Remote Extender</b>	
USB Connector	(1) USB 2.0 Type A
Link Connector	(1) RJ-45
Dimensions	1.2"H x 3.4"W x 2.6"D (3 x 8.75 x 6.5 cm)
<b>Environmental</b>	
Operating Temperature Range	32 to 122° F (0 to 50° C)
Storage Temperature Range	-4 to +158° F (-20 to +70° C)
Storage Humidity	10 to 90% relative humidity, noncondensing
<b>Compliance</b>	
EMC	
FCC	Class A
CE	Class A
Environmental	RoHS2 (CE)
Safety	Flammability V-0

## A TYPICAL APPLICATION OF THE EXTENDER IS SHOWN BELOW



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