

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

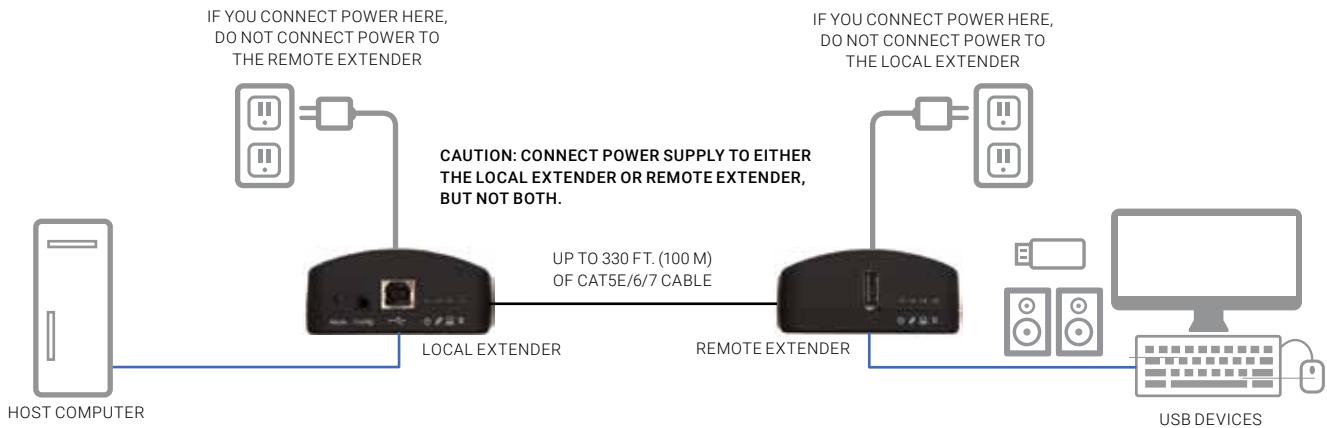
- ◆ Interactive whiteboards.
- ◆ Digital signage, touchscreen extension.
- ◆ Keyboard and mouse extension.
- ◆ USB camera extension.

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

TABLE 1-1. SPECIFICATIONS

SPECIFICATION	DESCRIPTION
General	
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)
Local Extender	
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)
Remote Extender	
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)
Environmental	
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
Compliance	
EMC	
FCC	Class A
CE	Class A
Environmental	RoHS2 (CE)
Safety	Flammability V-0

A TYPICAL APPLICATION OF THE EXTENDER IS SHOWN BELOW



DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations. Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

© Copyright 2017. Black Box Corporation. All rights reserved. Black Box and the Black Box logo type and mark are registered trademarks of Black Box Corporation. Any third-party trademarks appearing in this publication are acknowledged to be the property of their respective owners.