

Product Data Sheet

2-Port USB 2.0 CAT5e/6/7 Extender



IC402A-R2, local unit



IC402A-R2, remote unit

Overview

The 2-Port USB 2.0 CAT5e/6/7 Extender lengthens high-speed USB 2.0 connections up to 330 feet (100 meters) using CAT5e/6/7 cable. It is ideal for extending USB peripherals including keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras, and any other USB device. The extender can be powered at either the local unit or the remote unit (but not both).

Applications

- Interactive whiteboards
- Sensor/data acquisition
- Keyboard and mouse extension
- Industrial control

Basic Features

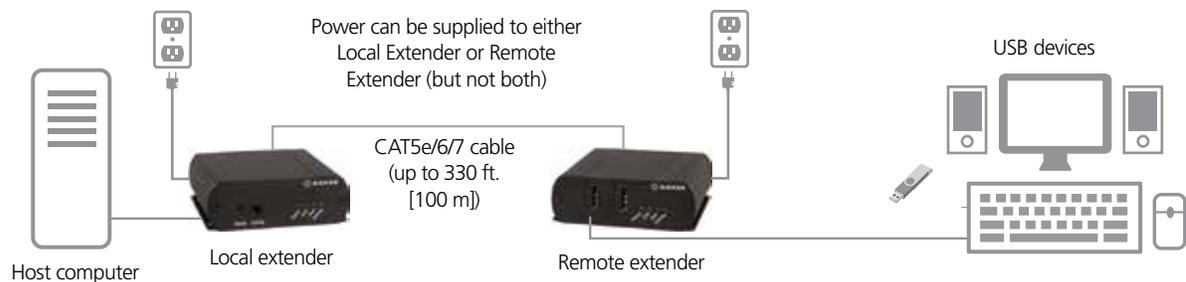
- Provides full device and host support
- Supports mass storage acceleration for improved USB 2.0 device bulk transfer speeds
- Flexible power — connect the power adapter to either the local or remote extender (but not both)
- Supplies up to 1.5 amps total when both USB ports are in use
- Supports throughput of up to 480 Mbps
- Provides transparent USB connection
- Plug and play: no software drivers required
- Works with all major operating systems: Windows®, Mac OS®, and Linux®.

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Specifications

Range	
Direct Connect	Up to 330 ft.(100 m) over solid-core CAT5e/6/7 cable
USB Device Support	
USB 2.0 Throughputs	Up to 480 Mbps
USB 1.1 Throughputs	Up to 12 Mbps
Power	
Power Supply	Input: 100–240 VAC; Output: 24 VDC, 1 A
Local Extender	
USB Connector	(1) USB Type B receptacle
Link Connector	(1) RJ-45
Dimensions	1.0"H x 3.4"W x 3"D (2.6 x 8.7 x 7.5 cm)
Mounting	Slots for cable ties or via optional mounting kit (part number IC401MK)
Enclosure Material	Black anodized aluminum
Remote Extender	
USB Connector	(2) USB Type A receptacles
Link Connector	(1) RJ-45
Available Current	Up to 1 amp per USB port, 1.5 amps total shared
Dimensions	1.0"H x 3.4"W x 3"D (2.6 x 8.7 x 7.5 cm)
Mounting	Slots for cable ties or via optional mounting kit (part number IC401MK)
Enclosure Material	Black anodized aluminum
Environmental	
Operating Temperature	32 to 122° F (0 to 50° C)
Storage Temperature	-4 to +158° F (-20 to +70° C)
Operating Humidity	20 to 80%, relative humidity, noncondensing
Storage Humidity	10 to 90%, relative humidity, noncondensing
Compliance	
EMC	FCC Class B, CE
Environmental	RoHS2

A typical application of the 2-Port USB 2.0 CAT5e/6/7 Extender is shown below.



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