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4-Port USB 2.0 CAT5 Extender with Remote Power

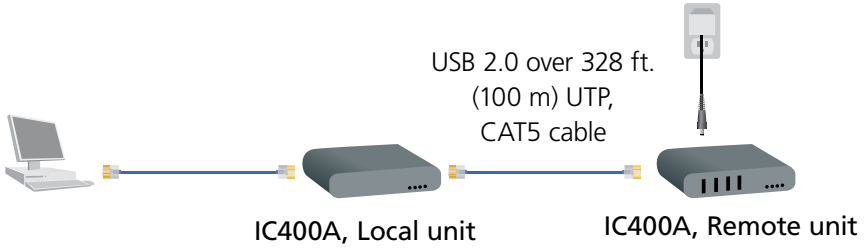
Break the 16-foot (5-m) USB distance barrier. This local transmitter/remote receiver pair extends USB up to 328 feet (100 meters) from a computer over CAT5 cabling.



FEATURES

- Extends USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices up to 328 feet (100 m) over CAT5 cable.
- Operates with USB 2.0 high-speed host controllers and USB 1.1 classic hosts.
- Supports all USB device types: Control, Interrupt, Bulk, and Isochronous at up to 480 Mbps.
- True plug and play; ready to operate right out of the box. No new driver installation required.
- Supports all major operating systems including Windows®, Mac OS®, and Linux®.
- Integrated hub provides four remote USB 2.0 ports. Number of devices can be increased using additional USB hubs.
- AC power adapter at remote unit provides standard 500 mA to each USB port.
- Power adapter at local unit is not required for normal operation.
- Ideal for a wide variety of USB devices, from printers, scanners, hard drives, and audio devices, to touch screens, Web cams, and game controllers.

Extend USB 2.0 beyond the desktop to 328 feet (100 m) over standard CAT5 cable.



OVERVIEW

The 4-Port USB 2.0 CAT5 Extender enables you to extend beyond the standard 16-foot (5-m) cable limit for USB peripheral devices. Using the extender, you can place USB devices up to 328 feet (100 meters) from the computer. The extender is composed of two individual units: the local unit and the remote unit.

Typical applications include:

- Industrial control
- Digital signage
- Home network integration
- Medical device connectivity
- KVM extension
- Remote desktop USB connections
- Security: Web camera, access control
- USB device sharing: print, scan, storage

TECH SPECS

Compliance — Regulatory testing: FCC Class B, IC Class B, CE Class B; ESD rating: EMC EN-6100-4-2 8 kV contact, 16kV air
Distance — 328 feet (100 m) over CAT5 cable
Maximum USB Devices Supported: 14 USB devices or 3 USB hubs with 11 USB devices
USB Device Support — High-speed devices (480 Mbps, USB 2.0); Full-speed devices (12 Mbps, USB 2.0 and 1.1); Low-speed devices (1.5 Mbps, USB 2.0 and 1.1)
USB Host Support — EHCI (USB 2.0) and OHCI/UHCI (USB 1.1)
USB Hub Support — Any single chain can include up to 3 USB hubs plus one extender
Connectors — Local unit: (1) USB Type B, (1) RJ-45; Remote unit: (4) USB Type A, (1) RJ-45
Temperature Tolerance — Operating: 32 to 122° F (0 to 50° C); Storage: -4 to 158° F (-20 to +70° C)
Humidity Tolerance — Operating: 20 to 80% relative humidity, non-condensing; Storage: 10 to 90% relative humidity, non-condensing
Power — Input: 100/240 VAC, 50–60 Hz, 600 mA maximum; Output: 5 VDC, 3 A; AC adapter connector: 1.7-mm center positive jack; Power available to USB device at remote unit: 500 mA each port; Power consumption: Local unit: 500 mA maximum, Remote unit: Approximately 500 mA (no load), 2.5 A (full load)
Size — Each unit: 3.9"H x 3"W x 1"D (10 x 7.6 x 2.6 cm)
System Shipping Weight — 2 lb. (0.9 kg)



IC400A

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

What's included

- ✦ (1) local unit
- ✦ (1) remote unit
- ✦ (1) AC power adapter for remote unit
- ✦ (1) 6-foot (1.8-m) USB 2.0 cable
- ✦ (1) Quick Start Guide
- ✦ (1) CD-ROM containing a user's manual

To complete the installation, you will also require the following items that are not included with the extender:

- ✦ USB 1.1 or 2.0 compatible computer (host computer) with a USB compliant operating system
- ✦ USB 1.1 or 2.0 compatible device
- ✦ CAT5 unshielded twisted pair (UTP) cable with two RJ-45 connectors (if using surface cabling) or CAT5 cabling with two information outlets and two CAT5 patch cords with RJ-45 connectors (if using premise cabling)

Item	Code
4-Port USB 2.0 CAT5 Extender	**IC400A**

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