

# USB 2.0 Extender via CAT5: Extend to 328 Feet

XTENDEX®

## Extend one USB 2.0 device up to 328 feet (100 meter)

- Extend self-powered and/or bus-powered USB peripheral devices (security cameras, printer, scanner, keyboard, etc.).
- Extend up to 656 feet (200 meter) by using two CAT5e/6 cables to connect the extender to an Ethernet switch.
  - The local unit connects to the Ethernet switch using a single CATx cable up to 328 feet (100 meter). The remote unit extends from the Ethernet switch using a separate CATx cable up to 328 feet (100 meter).
- Transparent data extension.
- Supports high-speed (150 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Compliant with USB 2.0 specifications.
- Supports Plug-n-Play specification.



### XTENDEX® USB2-C5-LC (Remote Unit, Front & Back)

The XTENDEX® USB 2.0 Extender extends one USB device up to 328 feet (100 meter) using CAT5e/6 cable. Each extender consists of a local unit that connects to a computer, and a remote unit that connects to a USB device. The local and remote units are interconnected via CAT5e/6 cable.

## Specifications

### Local Unit

- One male USB Type B connector.
- Compatible with PCs or laptops (Windows XP/Vista/7).
  - Supports 32- and 64-bit operating systems.

### Remote Unit

- One female USB Type A connector.
- Supports high-speed (150 Mbps), full-speed (12 Mbps), or low-speed (1.5 Mbps) USB devices.
- Supports self-powered and/or bus-powered USB devices.

### Power

- Local unit: powered from remote unit via CAT5e/6 cable.
- Remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter (US AC adapter included).
  - Optional universal power plug adapters available (not included).

### Dimensions

- Local unit: 2.01x1.57x0.98 (51x40x25 mm).
- Remote unit: 3.19x1.69x0.91 (81x43x23 mm).

### Regulatory Approvals:

- CE, RoHS

### Warranty

- Two years

### Package Includes

- USB Extender (local and remote unit)
- USB Type A to Type B male-to-male cable
- User manual
- US AC adapter
- CD with installation drivers

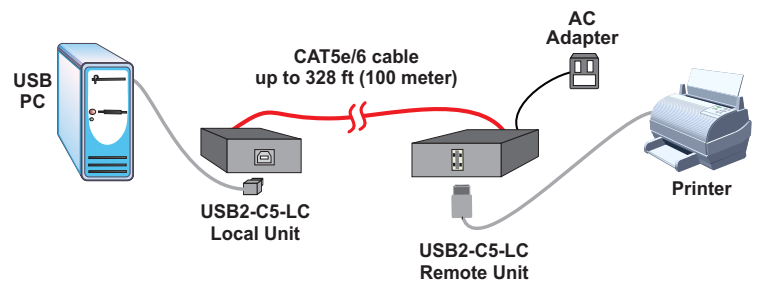
### Max Distance

- 328 feet (100 meters) over one CAT5e/6 cable.
- 656 feet (200 meters) over two CAT5e/6 cable.

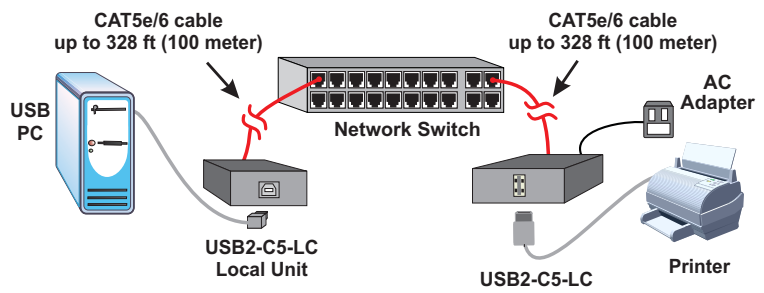
## Cables

- Use CAT5e/6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included) to extend up to 328 feet (100 meter).
- Extend up to 656 feet (200 meter) by using two CAT5e/6 cables to connect the extender to an Ethernet switch.
  - The local unit connects to the Ethernet switch using a single CATx cable up to 328 feet (100 meter). The remote unit extends from the Ethernet switch using a separate CATx cable up to 328 feet (100 meter).

## Configuration and Cable Illustration



### USB 2.0 Extender via CAT5: Extend to 328 Feet (100 meter)



### USB 2.0 Extender via CAT5: Extend to 656 Feet (200 meter) with a Network Switch