

## Extend four USB devices up to 200 feet (61 meters)

- Extend self-powered and/or bus-powered USB peripheral devices (security cameras, printers, scanners, keyboards, etc.).
  - Using CAT5e/6 cable, extend USB 1.1/1.0 devices to 180 feet and USB 2.0 devices to 150 feet.
  - Using CAT6a/7 cable, extend USB 1.1/1.0 devices to 200 feet and USB 2.0 devices to 180 feet.
- Transparent data extension.
- Compatible with USB computers (PC, SUN, MAC).
- Compliant with USB 1.1 (low/full speed) specifications.
- Supports Plug-n-Play specification.
- High quality, rugged steel construction with durable powder coat finish.
- Meets the electrostatic discharge (ESD) immunity requirements of IEC/EN 61000-4-2.
- Mounting brackets included for easy surface/wall mounting.
- Optional industrial USB extender for high temperature environments. This industrial system has the ability to operate and monitor in harsh environments at high temperatures up to 158°F (70°C).



### XTENDEX® USB-C5-200 (Remote & Local Unit)

The XTENDEX® USB Extender extends four USB devices up to 200 feet using CAT5/5e/6/7 cable. Each extender consists of a local unit that connects to a computer, and a remote unit that connects to four USB devices. The local and remote units are interconnected via CAT5/5e/6/7 cable.

## Specifications

### Local

- One female USB Type B connector.
- Supports a USB computer (PC, SUN, MAC).
- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012/2016/2019, Solaris, Linux, FreeBSD, and MAC OS 9/10.

### Remote Unit

- Four female USB Type A connectors.
- Provides support for full-speed (12 Mbps) or low-speed (1.5 Mbps) USB devices.
- Supports self-powered and/or bus-powered USB devices.
  - Compatible with USB touch screen monitors, including HP Compaq L2105tm.

### Power

- Local unit: powered from attached computer.
- Remote unit: 110 or 220 VAC at 50 or 60 Hz via AC adapter. (Country-specific AC adapter included.)
  - The combined current consumption of the connected devices cannot exceed 1.5A

### Environmental

- Operating temperature:
  - USB-C5-200: 32 to 100°F (0 to 38°C).
  - USB-C5-200-IND: 32 to 158°F (0 to 70°C).
- Storage temperature:
  - USB-C5-200: -20 to 140°F (-30 to 60°C).
  - USB-C5-200-IND: -20 to 158°F (-30 to 70°C).
- Operating and storage relative humidity: 17 to 90% non-condensing RH.

### Dimensions

- WxDxH : 5.14x3.07x1.09 in. (131x78x28 mm)

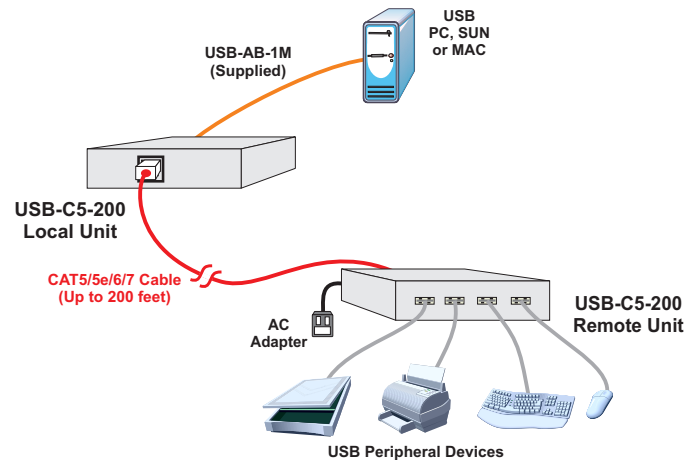
### Regulatory Approvals:

- CE, RoHS

## Cables

- One-meter male USB Type A to male USB Type B interface cable included.
- Use CAT5/5e/6/7 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).

### Configuration and Cable Illustration



### Maximum Distances for CAT5e/6/6a/7 Cables

Cable	USB Device Type	Distance (ft)
CAT5e Solid or Stranded, UTP or STP	USB 1.1/1.0	180
	USB 2.0	150
CAT6 Solid or Stranded, UTP or STP	USB 1.1/1.0	180
	USB 2.0	150
CAT6a Solid UTP	USB 1.1/1.0	200
	USB 2.0	180
CAT7 Solid SSTP	USB 1.1/1.0	200
	USB 2.0	180

### HDMI HDBase-T Extender Models

NTI Part #	Description
USB-C5-200	USB Extender
USB-C5-200-IND	Industrial USB Extender