USB2Nano

Low-Cost High-Performance USB 2.0 Extender Over CAT5e

Extend the transmission distance between a USB device and its host computer up to 150 feet

OVERVIEW

SmartAVI's USB2Nano extends standard USB (Universal Serial Bus) 2.0 signals up to 150 feet using a single CAT5 cable. The USB2Nano supports all USB 2.0 high-speed devices, from keyboards to printers, and will operate on Windows®, Mac and Linux® operating systems. Additional USB hubs can be added, increasing the amount of devices that can be plugged into the USB2Nano.
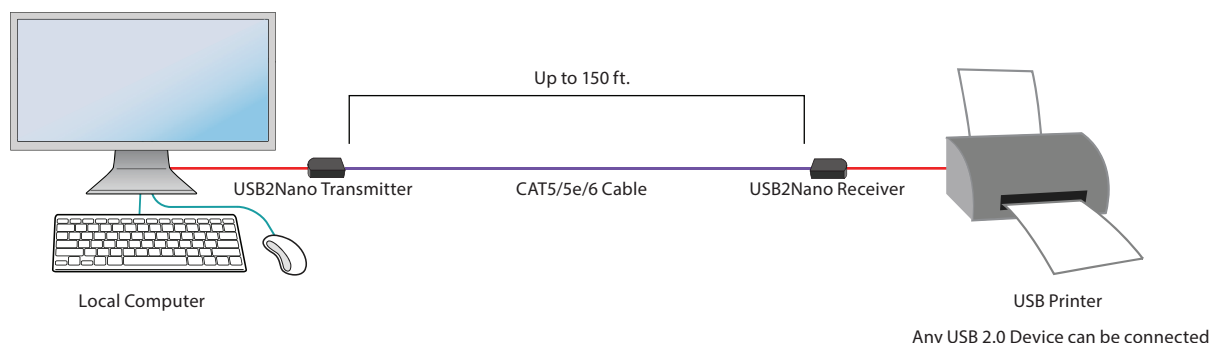
FEATURES

- Supports all USB 2.0 and1.1 Devices Transparently (Flash Drives, Printers, etc.)
- Supports USB 1.1 keyboard and mouse
- Works on Windows, Mac and Linux Operating Systems
- Bus-Powered Local Unit
- Power Adapter for Remote Unit
- Extends USB device connectivity up to 150 feet
- Supports suspend/resume detection
- Supports Hot Plug functionality
- Low cost compared to hub-based extension or other USB extenders
- No software driver required
- Plug-and-Play Ready

APPLICATIONS

- Digital Signage
- Home Networking
- Remote USB Connections
- USB Device Sharing
- USB Electronics Devices
- Security Systems

APPLICATION DIAGRAM

Up to 150 ft.

USB2Nano Transmitter   CAT5/5e/6 Cable   USB2Nano Receiver

Local Computer

USB Printer

Any USB 2.0 Device can be connected

LOCAL UNIT	
Upstream Port	USB Type A Male
Downstream Port	RJ45 Jack
Power	Bus-Powered
REMOTE UNIT	
Upstream Port	USB Type A Female
Downstream Port	RJ45 Jack
Power	5VDC - 2A
OTHER	
Built-In Cable Length	1 ft.
Interconnect Cable	Standard CAT5/5e/6 Cable
Max Cable Length	150 ft.
Weight	0-185 °F (0-85 °C)

Part No.	Description
USB-NAN-S	USB CAT5 Extender Link. Includes: [USB-TXNAN, USB-RXNAN, & (CCUSBAB06) & PS5VD2A]

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:

Designed and Manufactured in the USA