

TECHNICAL SPECIFICATIONS

TRANSMITTER	
Upstream Port	USB Type A Male
Downstream Port	RJ-45 Jack
Power	Bus-Powered

RECEIVER	
Upstream Port	USB Type A Female
Downstream Port	RJ-45 Jack
Power	5VDC-2A

OTHER	
Built-in Cable Length	1 ft.
Interconnect Cable	Standard CAT5/5e/6 Cable
Max Cable Length	150 ft.
Operating Temperature	0-185 °F (0-85 °C)

WHAT'S IN THE BOX?

PART NO.	DESCRIPTION
USB-NAN-S	USB CAT5 Extender Link. Includes: [USB-TXNAN, USB-RXNAN, & (CCUSBAB06) & PS5VD2A]

Notice

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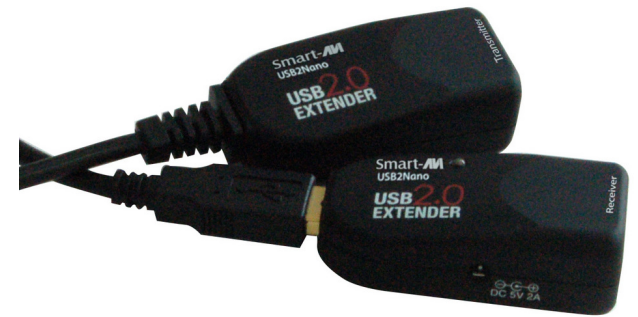
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SMART AUDIO VIDEO INNOVATION

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**

USER MANUAL

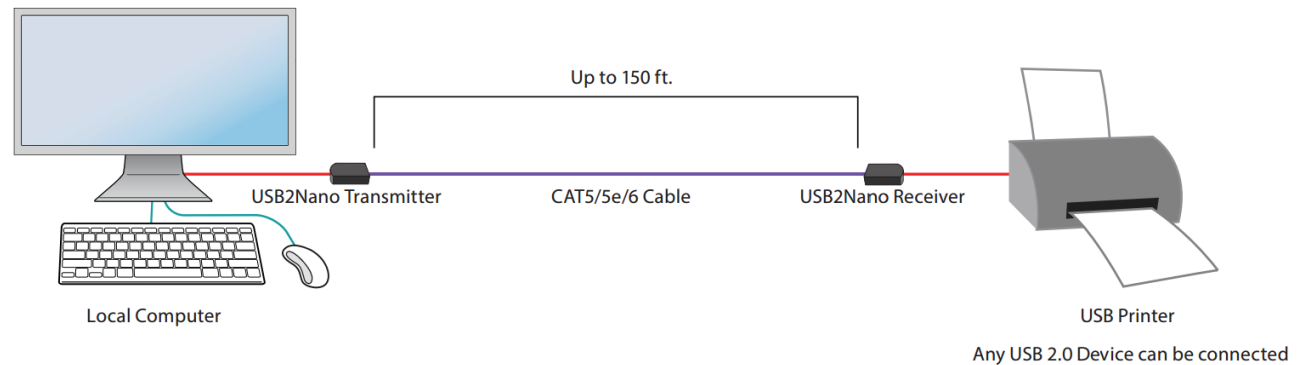
INTRODUCTION

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

FEATURES

- Supports USB 2.0 and USB 1.1 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 extender
- No software driver required
- Plug-and-Play Ready

APPLICATION DIAGRAM



CONNECTING THE USB2Nano

1. Connect the *USB2Nano* Transmitter to the computer using the USB Type A (Male) connector of the device.
2. Power up the *USB2Nano* Receiver using the power supply provided.
3. Connect the *USB2Nano* Transmitter to the *USB2Nano* receiver using a CAT5e UTP cable (up to 150ft).
4. Connect a USB 2.0 peripheral device to the USB Type A (female) connector of the *USB2Nano* Receiver.

APPLICATIONS

- Digital Signage
- Home Networking
- Remote USB Connection
- USB Device Sharing
- USB Electronic Devices
- Security Systems