USB2NANO

ENTRY LEVEL USB 2.0 EXTENDER OVER CAT5E

EXTEND THE TRANSMISSION DISTANCE BETWEEN A USB DEVICE AND ITS HOST COMPUTER UP TO 150 FT

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

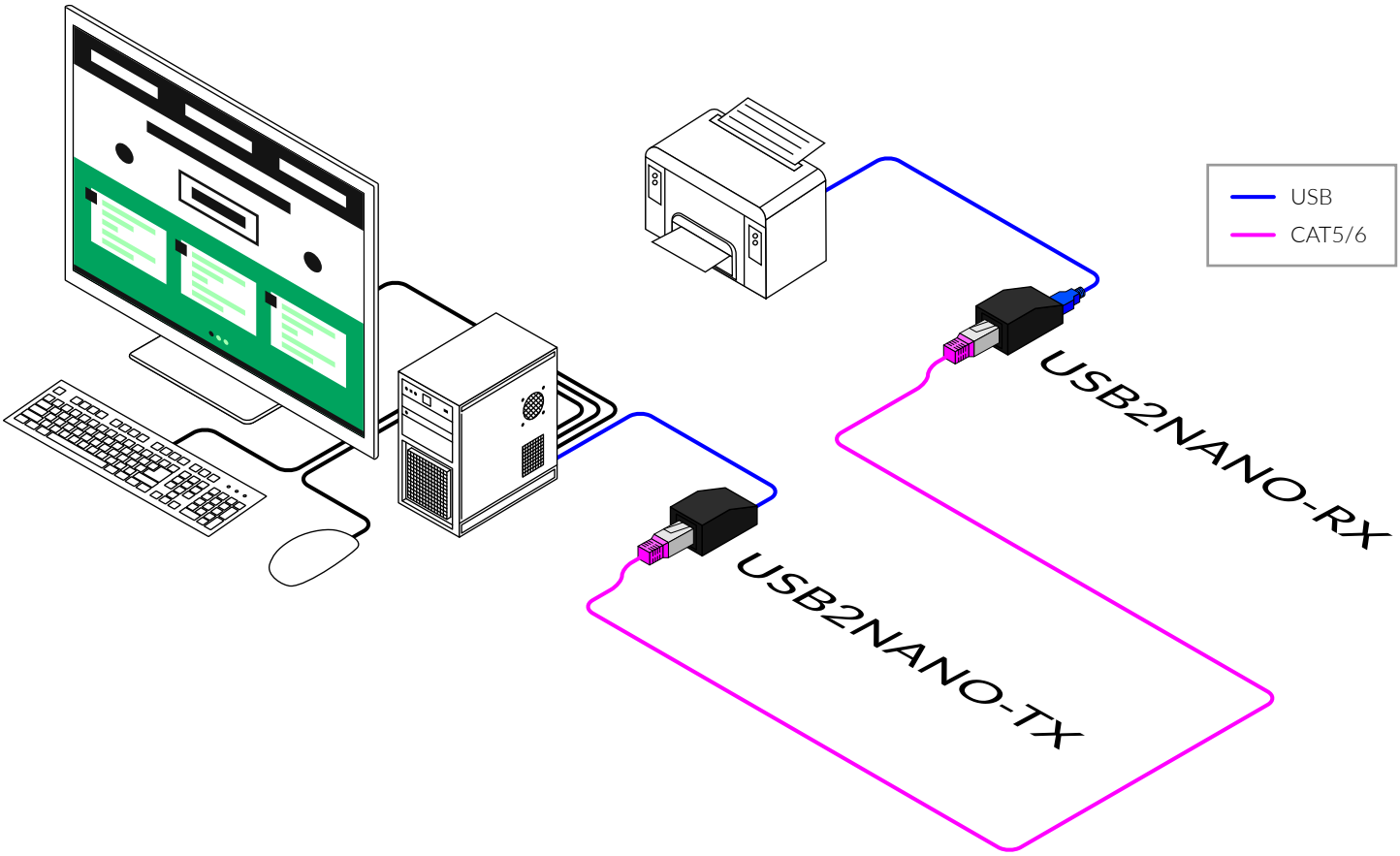
APPLICATIONS

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

Designed and Manufactured in the USA

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.



EXTEND FOR ANY APPLICATION IN ANY ENVIRONMENT

SECURITY

When managing content in high-security environments, creating a safe and secure control room is critical. In the vast majority of such applications, that requires routing signals from a server room, where the computers are safely stored, to a control room, where approved personnel access the data and video feeds. Whether that's in a security surveillance center, an operations control room or some other security-related environment, being able to extend video, audio and USB is a must.

The USB2NANO provides system architects with the flexibility they need to create secure environments for servers as well as the end users accessing those computers. And with video signal extension, users can manage their connected computers with expanded display options, enabling them to stay in control of their content at all times.

DIGITAL SIGNAGE

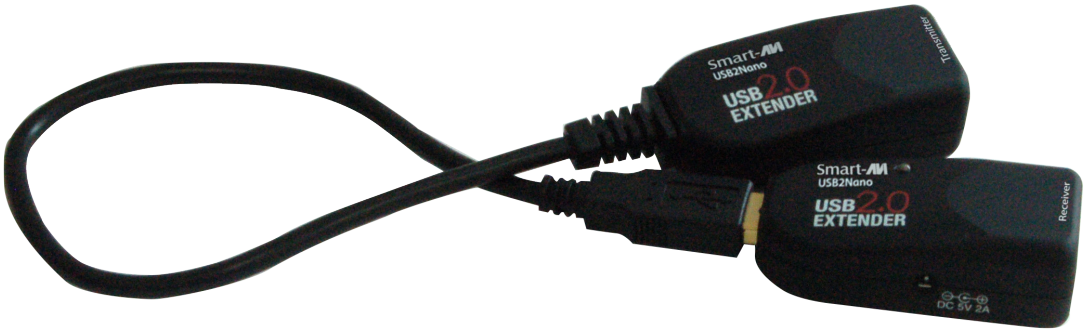
Managing a multi-screen digital signage solution requires some important foresight regarding the signal path to those informative and attractive displays. Particularly when it comes to properly scheduled, updated and managed content being displayed, it's much more efficient to keep all of the digital signage hardware in one central location and to extend the video signals out from there.

That means signal extension is an important part of a smart digital signage solution, and the USB2NANO gives users the flexibility they want and need to place their digital signage screens in the right locations to maximize their effectiveness.

AUDIO AND VISUAL RECORDING

For users in the recording arts, maintaining the utmost in signal and recording fidelity is an absolute necessity. For video recording, it is often important that no unsightly computers are visible. Similarly, audio engineers must keep noisy computers away from the rooms where recording happens to ensure the final product sounds professional. In both such instances, the USB2NANO gives users the ideal way to keep their servers or computers away from areas that audio or video recording is being done, ensuring a better final product.

EXTENDER UNIT



TECHNICAL SPECIFICATIONS

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]

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