VERTIV™ AVOCENT® USB6000

USB 2.0 over Gigabit Ethernet LAN

OVERVIEW

Avocent USB6000 is a high performance USB extender that enables you to locate your critical computing hardware away from the user work station whilst maintaining the original user desktop experience. It can transmit USB 2.0 over a single CATx cable or via an 1 GB IP nework.

- Transparent USB 2.0 operation

- 100m extension distance

- Switchable and routable

- USB 2.0 Hi-speed for mass storage devices plus:

- USB 2.0 (low an full speed) for keyboard, mouse, tablet and touch screen

- Supports USB 3.0 controllers

- Isochronous support for audio devices and web cams

- Plug and play

FEATURES

USB 2.0

Enables connection of any USB human interface device - from mice and keyboards through to touch screens, graphics tablets, jog shuttles, joysticks and 3D explorers. Mass storage devices and isochronous devices such as webcams and headsets can also be used.

Transparent Operation

Once connected, operation is totally transparent to the host system, the USB peripheral(s) and you, the user. There are no drivers to install and your USB devices work precisely as they did before; the only difference is that they are now up to 100 meters away from the host. There is no need for drivers or software to be installed.

Plug and Play

Avocent USB6000 extenders are delivered in a zero config state so you can plug the units in and start working with they straight away. When supplied as pairs, they are already synchronized, so they will located each other automatically over your network.

Integrated HMX Advanced Manager Control
The USB6000 can be controlled and switched via the HMX Advanced Manager or it can operate separately, as a point to point USB extender using a single length of CATx cable.

API
An API is available, supporting all functionality to which authorized 3rd party control systems can interface.

Support for Audio Devices
With Isochronous support the USB6000 will work with USB microphones and headsets as well as web cams.

Technical Specifications

Hardware Compatibility
All computers with USB

USB 2.0
Supports USB 2.0 devices (low, full and high speed). Isochronous devices are supported

Software Compatibility
All known operating systems

Connections
Transmitter (TX)
USB type B, config port, 8p8c
Ethernet port

Receiver (RX)
USB type A x 4, config port, 8p8c
Ethernet port and 2.1 mm jack
power socket

Physical Design
Compact case, robust metal construction.
100mm/3.9" (w), 26mm/1.0" (h),
76mm/3.0" (d), 0.2kg/0.4lbs each

Power (RX only)
DC jack (1 x power adapter included for RX), 100-240VAC 50/60Hz, 0.7 A, input to power adapter, 24VDC 24W output from power adapter provides up to 600mA per USB port

Operating temperature
0 to 50°C / 32 to 122°F

Approvals
CE, FCC

Ordering Information

- USB6000RX: Receiver only (includes power supply)
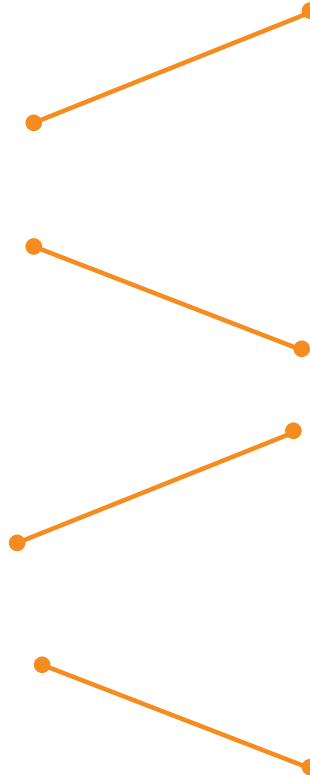
- USB6000TX: Transmitter only (Powered via USB)

USB6000

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Local Area Network

USB 2.0 or 1.1 device

Related Products

Vertiv offers a vast range of products to suit your needs. Other products you may find useful are:

LV 5020

HMX 5000

HMX 6000

LV 3000

LV 4000