Drive 2 professional dual screen receivers
from a miniaturised two port transmitter

ADDERLink AV102T

Professional 2 port AV transmitter with RS232 & USB power

ADDERLINK

PRODUCT IN BRIEF

The ALAV102T is a highly compact AV transmitter that allow you to deliver professional quality AV content to ALAV100 series receivers.

The module connects to the video, USB, audio and RS232 ports of your computer and then connects via CAT 5, 5e or 6 cabling to the ALAV100 receivers, each of which can be located up to 300 meters from the module.

ALAV102T features RS232 control allowing you to switch nodes on and off using Adders display manager software, or any RS232 control application.

FEATURES

Resolutions and cable lengths
Typical resolutions achievable include:

720p: 1280 x 720 x 60Hz at 300m.
1080p:1920 x 1200 x 60Hz at 100m.

Audio
CD quality stereo audio is supported.

EDID display information
The module contains a default set of EDID information that supports display resolutions up to 1920x1080 @ 60Hz. In addition, the module will check during power up whether alternative EDID information is available from the KVM switch or extender that is connected to port A. If required, you can also harvest and store new EDID information from your display (Read and Store).

Power
The ALAV102T uses a USB port to derive its power from the host computer, dispensing with the need for a separate power supply, thus simplifying installation.

The USB cable must always be connected to a USB port on the computer that is capable of providing up to 300mA.

Small footprint
The ALAV102T has been designed to use minimal space around your host systems, allowing you to neatly locate the

transmitter. moulded cables also reduce cable clutter, keeping the device easily accesable at all times.

RS232 for disabling/re-enabling receiver connections
Using the onboard RS232 interface, individual transmission paths can be disconnected allowing remote screens to sleep, and wake on re-connection. This saves power and screen hours in use.

Using a KVM over IP device such as the AVX5016, you can directly control up to 32 individual transmission paths from anywhere in the world.

AV-KVM Port
ALAV102T is the first ADDERLink transmitter to feature AV-KVM ports. These ports allow you to connect directly to a KVM extender. This allows you to add additional devices such as touch screens and keyboards.

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:
http://www.adder.com

TECHNICAL SPECIFICATIONS

Video Resolution
All HD resolutions up to 1920x1080

Extension Distance
300 meters at 1280x1024 @ 60Hz
200 meters at 1600x1200 @ 60Hz
100 meters at 1920x1080 @ 60Hz

O/S Compatability
Operating system independent

Connectors
USB Type A, D type 15 pin male (video); 3.5mm male audio jack, D type 9pin female (RS232), and two RJ45 ports

Physical Design
ABS moulded plastic. (H) 70mm, (W) 52mm, (D) 25mm

Power
USB powered (Max 300mA @5V DC)

Operating Temperature
0-40 °C

Approvals
CE, FCC

ORDERING INFORMATION

ALAV102T with audio: and RS232 ALAV102T

Compatible receivers

ADDERLink 100 Series
ALAV100R -   Professional AV receiver
ALAV101R -   Professional AV receiver with de-skew and local feedthrough fo easy cascade

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERLink AV 100
Receiver
ALAV100R

ADDERLink AV 101
Receiver
ALAV101R

ADDERLink AV201R
Dual output receiver with Deskew

ADDERLink AV204T
4 line transmitter, cascadeable

ADDERLink AV208T
8 line transmitter, cascadeable

Designed to work with ALAV100 Series Receivers

ALAV102T

ADDER ®