High density, small form factor line powered video distribution

ALPV150 Pair (single screen)

ADDERLink LPV154
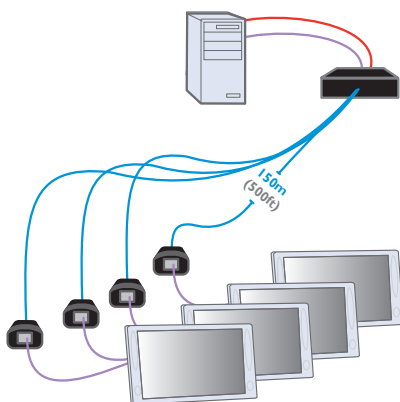Line powered video distribution up to 150 meters

Discontinued

PRODUCT IN BRIEF

The ADDERLink LPV delivers HD quality digital signage video via CATx cable over distances of 150 meters

This digital signage extender is possibly the easiest to install point-to-point extender available today. By transmitting the power to the receiver via the cable it removes the need for extra power supplies and sockets at the screen

A 4-way transmitter is available for point-to-multipoint transmissions

150m
(500ft)

FEATURES

Video performance
Full HD 1080p, 1080i & 720p
Distances up to 150m (500ft)

Line power for simplicity
To help reduce cable clutter, the ADDERLink LPV150 has been designed to be powered by a USB port on your computer. Furthermore, this power is also transmitted alongside the video over the CATx cable, in turn powering your receiver unit.

4-way transmitter for point-to-multipoint
The ALPV154T is able to take the same HD input and send it to 4 different screens connected via the ALPV150R receivers. There is a feed through port on the unit to allow a local display or you can cascade another ALAV154T so you can supply 8 screens.

Video sharpness adjustment
The remote module has a video adjustment screw to control picture sharpness on the display screen.

Absolute simplicity
Getting into professional digital signage has never been so easy. Simply plug the transmitter's VGA port into your computer and plug in the USB port, then plug the receiver unit into your screen. Finally, connect the two units together

with a length of CATx cable, and you're finished. Now start delivering your message to customers, clients, staff or whoever you wish.

Advanced EDID cloning
The ADDERLink LPV enables the user to clone the EDID (Extended Display Identification Data) from a display or use a default EDID. This approach enables the widest possible compatibility whilst also providing a plug and play experience for most applications.

On/off control via RS232
The LPV154T unit is fitted with a serial port that enables you to remotely switch video on and off. This feature provides a simple way of switching remote screens on and off as most will go into standby when the video signal is removed.

Rack mountable
The LPV154T units are rack mountable at high density using the AdderLink rack mount chassis.

Fit and forget
Adder digital signage products are the professional choice because they give you the ability to deliver, fit and forget installations. The LPV is no exception.

ADDERLink LPV154

Line powered video distribution up to 150 meters

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. Adder's Digital Signage solutions provide the simplicity of on time installations within the budget and offers a no-nonsense straightforward approach to system configuration. The AV Series is ideal for use in variety of multimedia venues.

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

RELATED PRODUCTS

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

ADDERLink AV200R
Dual output receiver

ADDERLink AV200T
Transmitter

ADDERLink AV201R
Dual output receiver with Deskew

ADDERLink AV100T
Transmitter

ADDERLink AV100R
Receiver, no skew

TECHNICAL SPECIFICATIONS

Video Resolutions
A maximum of 1920x1080@60Hz

Extension distance
150 meters at 1920 x1080@60Hz

Max cable skew allowed:
25ns over maximum cable length. Recommend low skew cables over 50 meters (see manual)

O/S Compatibility
Operating system independent

Connectors (local / remote):
USB Type A ,15 pin VGA and one RJ45 port. (ALPV150P)
2 x 15 pin VGA, 4 x RJ45 1x power (ALPV154T)

Physical
Transmitter: High impact injection moulding: 45mm (w), 63 mm (l), 21mm (d) - excluding cables.
Receiver: High impact injection moulding: 45mm (w), 63 mm (l), 21mm (d) - excluding cables.
ALPV154T: Steel enclosure: 100mm (w), 100 mm (l), 25mm (d)

Power
LPV 150P: USB powered (Max 500mA @5V)
LPV154T: 5V @ 2.5A, power unit provided

Operating temperature
0°C to 40°C / 32°F to 104°F

Approvals
CE, FCC

ORDERING INFORMATION

ALPV150 P: A Pair (1x Transmitter + 1x Receiver)
ALPV150 R: Single Receiver
ALPV150 T: Single Transmitter

ALPV154T: ALPV154 4 port Transmitter

ADDITIONAL ACCESSORIES

External power adapter & USB adapter cable kit: PSU-LPV-KIT

Kit containing:
• 5 V DC power supply: PSU-IEC-5VDC-2.5A
• USB A socket to DC jack 25cm: CAB-USB-DC-JACK

This power kit is only required if the host computer or other device with a USB port cannot provide sufficient power.

Rack mount plate for rack mounting ALPV154T: ALAV-RMK-FASCIA.

Rack mount chassis for rack mounting 16 ALPV154 units in 3U: ALAV-RMK-CHASSIS.

ALPV150 Remote unit (receiver at screen)

ADDER®