ADDERLINK AV100 Series

High-resolution video and superb quality audio distribution for Digital Signage and Media Streaming applications.

The AdderLink AV Series is a range of audiovisual extenders delivering high video resolutions and superb quality audio up to 300m using standard CATx cable (x=5,5e,6,7). The innovative design allows for flexible audiovisual distribution that can be expanded to grow in line with project developments. Consisting of 4 interchangeable units, the AdderLink AV Series makes the design of digital signage and narrow casting applications cost effective, flexible and easy to plan.

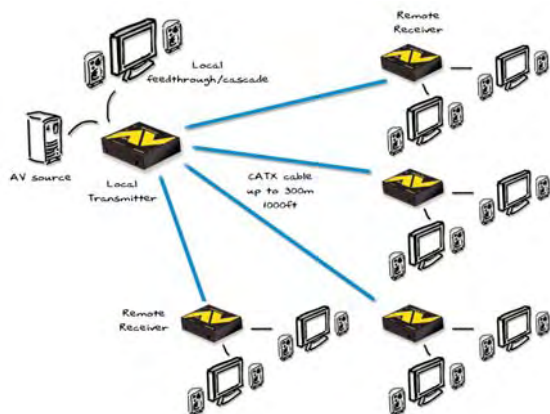### AdderLink AV 100T transmitter and AdderLink AV100R
- Sold individually or as a pair (AdderLink AV 100P)
- Local port on transmitter to connect local screen and speakers or for cascading
- AdderLink AV 100R duplicates input from transmitter allowing for 2 video and 2 audio outputs

AdderLink AV 104T transmitter
- Extends a single high-resolution video and high fidelity audio signal to 4 different receivers
- Local port to connect local screen and speakers or to cascade to other AdderLink AV 104T transmitter units

AdderLink AV 101R receiver unit
- Duplicates input from transmitter allowing for 2 video and 2 audio outputs
- Has local cascade port allowing for other receivers to be cascaded from the original receiver

FEATURES

Video performance
Industry leading resolutions of 1600x1200 are achievable at 200m (650ft) and 1280x1024 at 300m (1000ft).

Video compensation
The AdderLink AV units apply a high level of signal compensation that allows for a greatly increased range of very smooth and fine adjustments.

Brightness control
The AdderLink AV offers its own brightness correction to ensure that the image is crisp, clear and bright, regardless of the distance.
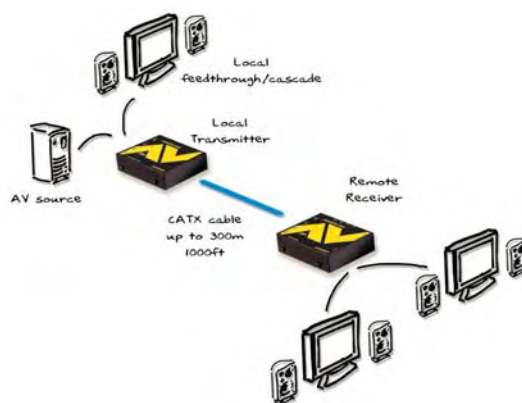
Audio
Digital audio transmission delivers high fidelity; click-less audio for speakers and microphones.

Integrated DeSkew
The AdderLink AV101R has integrated skew correction with a 300MHz bandwidth, meaning that it is more than powerful enough to counteract the negative effects of the skew.

Rack options
Both transmitter and receiver units can be used stand-alone or up to 16 units can be mounted into a 3U chassis.

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TECHNICAL SPECIFICATIONS

Video resolutions	1600x1200 at distances up to 200m (650ft), 1280x1024 at distances up to 300m (1000ft)
Extension distance (x=5,5e,6,7)	Up to 300m (1000ft) using CATx
Optional accessories	ALAV - Series rack mount chassis (part code: ALAV-RMK-CHASSIS), rack mount plate for local/remote unit (part codes: ALAV-RMK-FACIA). Adder 4amp power supply and "squid" cable to power 4 ALAV units (part code ALAV-PSU4)
Audio	Transmitted as digital signals to ensure high fidelity and low noise levels
Connectors	**AV100T** Video In/Out: HDD15. Audio In/Out: 3.5mm audio jack. CATx: 1 x RJ45 connector. Power: 2.5mm DC jack **AV100R** Video Out: 2 x HDD15. Audio Out: 2 x 3.5mm audio jack. CATx: 1 x RJ45 connector. Power: 2.5mm DC jack **AV104T** Video In/Out: HDD15. Audio In/Out: 3.5mm audio jack. CATx: 4 x RJ45 connector. Power: 2.5mm DC jack **AV101R** Video Out: 2 x HDD15. Audio Out: 2 x 3.5mm audio jack. CATx: in 1 x RJ45 connector out, 1 x RJ45 connector in. Power: 2.5mm DC jack
Physical (All AdderLink AV units)	Metal case (steel), 98mm x 95mm x 25mm
Power supply	100-240VAC, 50/60Hz
Operating temperature	0ºC to 40ºC / 32ºF to 104ºF
Approvals	CE, FCC

Specifications subject to change without notice.