Adder ALDV100P Digital AV HDMI Extender Pair over a single cable HDCP up to 50m

Hardware compatibility

All computers with HDMI connections

HDMI interface

The system supports resolutions such as 480p, 720p, 1080P or WUXGA (1920x1200) @60Hz* and 24 bit color depth.
* with reduced blanking

Software compatibility

All known operating systems

Audio

The system delivers eight channels of HDMI audio with sample sizes of 16, 20 or 24 bit at 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, or 192kHz.

Computer connections at transmitter (TX)

HDMI type A male, USB type A (for power only)

Display connections at receiver (RX)

HDMI type A male

Physical design

Injection moulded ABS cases:
45mm / 1.8'' (w) x 63mm / 2.5''(d) x 21mm / 0.8''(h) with 30cm / 12' pigtails. Weight 250g / 0.6 lb per pair.

Power

USB powered, 5VDC -2.5W for both RX and TX units combined.

Operating temperature

0 to 40ºC / 32 to 104ºF

Approvals

CE, FCC

Important extension distance Information

Recommended cables are CAT7 shielded foiled twisted pairs:

- Daetwyler 7702 Flexible patch cable
- Daetwyler 7120 Bulk cable

Category 6a (or better) shielded twisted pair cable must be used to connect the transmitter and receiver units in order to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

Resolution	Frequency	Patch Connections	Cable Type	Distance
1920x1200	60Hz	0	CAT7a	50 metres
1920x1200	60Hz	0	CAT6a (shielded)	50 metres
1920x1200	60Hz	2	CAT6a (shielded)	40 metres
1920x1200	60Hz	2	CAT7a	40 metres

Note: Distances are achieved using single lengths of trunk/bulk cable. For each break/patch connection reduce distance by 5 meters. Preferably patch cables should be of type CAT7 and less than 2 meters. Patch cables over 2 meters must be CAT7.