

Adder ALDV120P Line powered DVI digital video extender over a single cable

Hardware compatibility

All computers with DVI-D and USB connections - requirement dependent

DVI-D interface

The system supports resolutions such as 480p, 720p, 1080P or WUXGA (1920 x 1200) @ 60Hz* and 24 bit color depth * with reduced blanking

Software compatibility

All known operating systems

Computer connections at transmitter (TX)

DVI-D male, USB type A (for power only)

Display connections at receiver (RX)

DVI-D male

Power

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

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

Operating temperature

0 to 40C / 32 to 104F

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 6 (or better) shielded twisted pair cable must be used to connect the local and remote 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	CAT7	50 metres
1920x1200	60Hz	0	CAT6a (shielded)	50 metres
1920x1200	60Hz	2	CAT6a (shielded)	40 metres
1920x1200	60Hz	2	CAT7	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.