



Smart Digital Solutions **SDS-922-DVI**

Flexible and cost effective DVI-D extender for distances up to 100m of standard CAT5e-8 cable



The SDS-922-DVI features

- DVI-D V1.0 EDID 1.4
- Deep Colour
- 100m of CAT5e-8 STP cable
- HDCP V2.2 compliant
- RGBHV, YPrPb, Y/C and CV inputs
- 1080p @ 60Hz
- HDBaseT technology
- Supports 1920x1200 @ 60 Hz
- Wide bandwidth IR transmission
- Analogue audio input—embedded
- Transparent RS232 pass-through
- Secure DVI-D connector
- DVI monitor output
- Convenient fixing holes
- Cost effective, multi-function unit

The SDS-922-DVI is a long range extender pair designed to extend DVI-D signals together with reverse IR and bidirectional RS232 signals over a single twisted pair CAT 5e-8 cable. The units use HDBaseT technology to extend PC resolutions up to 1920x1200 @60Hz together with 1080p @60Hz

Switch, scale and extend DVI-D and embedded audio with IR and RS232 over a single 100m of CAT 5e-8 cable

The SDS-922-DVI is a robust professional product designed to facilitate the extension of high resolution digital video signals. An audio embedding function on the transmitter allows a separate analogue audio source to be embedded into the DVI TMDS signal, whilst a looping input allows the user to monitor the transmitted signal

Bi-directional IR transmission together with full duplex RS232 signals can be connected through the same CAT5e-8 cable

Each box has convenient fixing holes for ease of installation .

The SDS-900 range from Smart-e provides a flexible and cost effective solution for point to point transmission for a single source to a single display



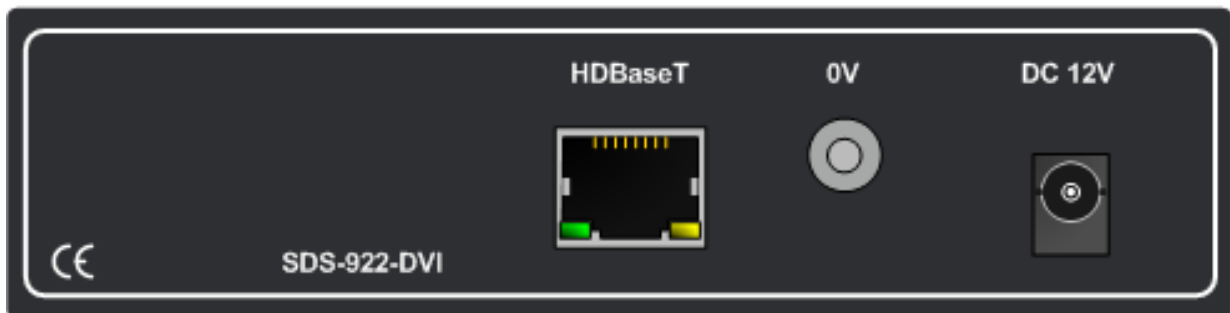
Smart-e (UK) Ltd • Hale House Barns • Oakwoodhill • Ockley • Surrey • RH5 5NA • UK
T +44 (0) 1306 628264 • F +44 (0) 1306 628074 • E info@smart-e.co.uk • W www.smart-e.co.uk

Front and rear panel connections

TRANSMITTER



RECEIVER





SDS-922-DVI Specification

Digital Video

Signal Types	TMDS
Formats	DVI-D
Content Protection	HDCP V2.2
Connector	DVI-D
Bandwidth	2.25Gbps each colour
TV resolutions PC resolutions	480, 576, 720, 1080 p & i @60Hz 640x480 to 1920x1200 @60Hz

Digital Audio

Types	Embedded audio in HDMI
Formats	Dolby Digital® Plus Dolby® TrueHD DTS-HD High Res DTS-HD Master Audio™, up to 8chPCM
Connector	DVI

Analogue Audio

Bandwidth	20-20kHz
Impedance	10K input—51R output
Signal level	2V RMS (max)
Connector	3.5mm jack socket

Power

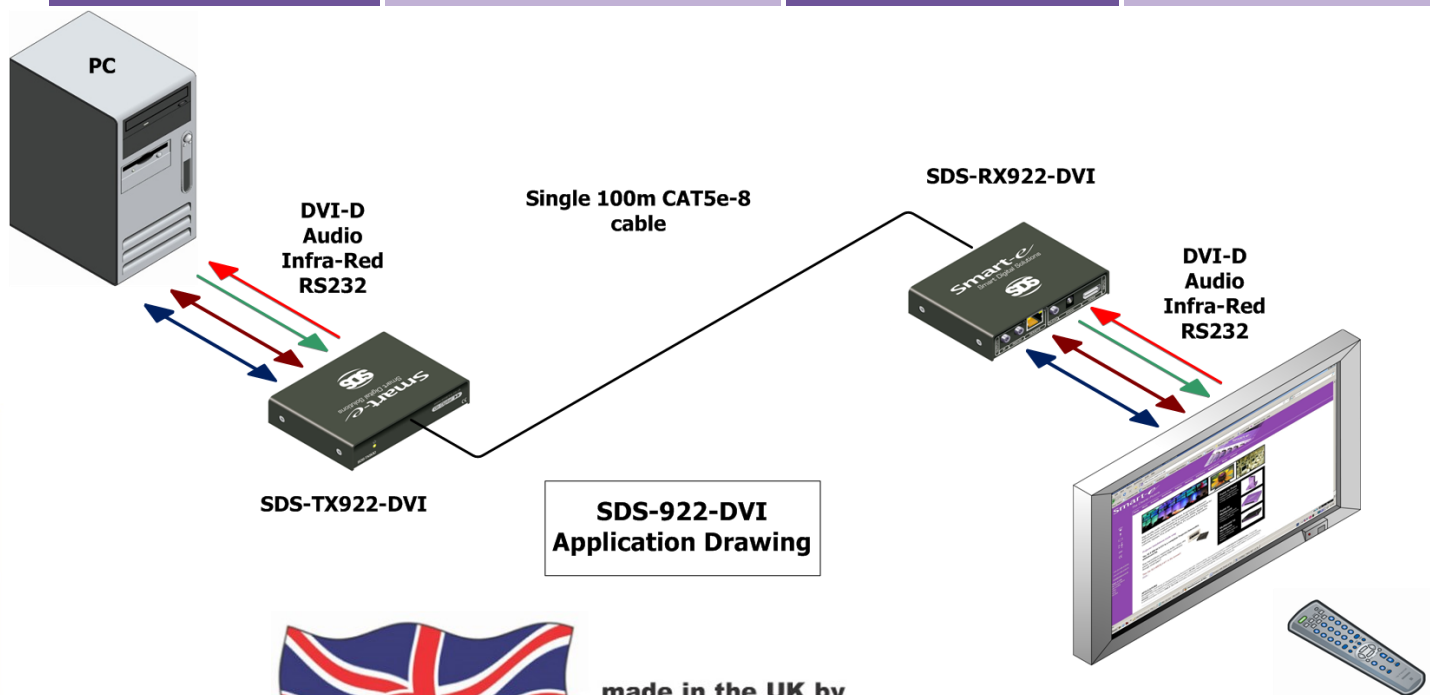
Voltage	12V DC
Connector	2.1mm DC jack
Max. current	500mA per unit
Power	11.5Watts

Dimensions

Height	34mm
Width	165mm
Depth	195mm with mounting ears
Weight	100g

Control

IR signal	38kHz
IR connector	3.5mm jack socket
RS232	<1 15Kbaud
RS232 connector	3.5mm jack socket



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