

the **dependable** way to remote stereo, screens &
RS-232 control

V-tWO

s e r i e s

V2-SA and V2-SB

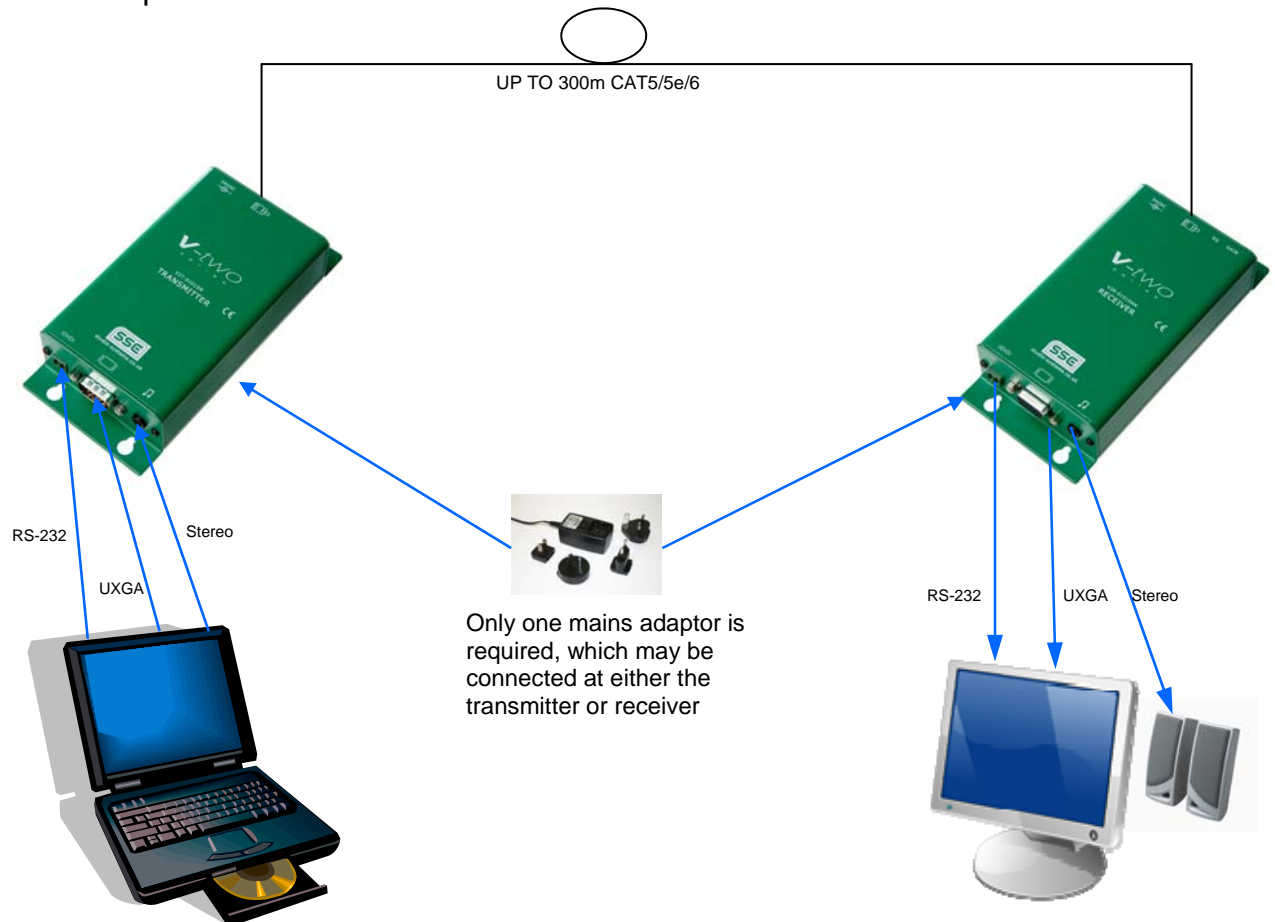
Point-to-point UXGA, stereo and Simplex RS-232 control
CAT5/5e/6 extenders

Features

- from VGA to UXGA resolution
- digital quality stereo audio
- serial control of screen
- extend up to 300m
- skew compensation option
- line powered receiver

Applications

- digital signage
- screen extender
- projector extender
- public information
- lecture halls
- waiting rooms



V-two series

simple Simple rotary controls are provided at the V2R-0101SAN receiver for picture sharpness and cable equalisation. The V2R-0101SBN also has push-button skew adjustments.

pin-sharp Studio Systems' broadcast expertise ensures the sharpest pictures – even at 1600 x 1200 resolution and long lengths of CAT5/5e/6 cable.

compatibility The V-two series is fully compatible with your existing structured cabling, including patching panels.

multi-screen Multi-output transmitter hubs are also available, which can support up to eight or sixteen remote display devices each up to 300m away. Active input loops are provided for local monitoring or to further expand the system in groups of eight or sixteen. All receivers are line powered from the transmitter hub.



V2T-0101SN
transmitter



V2R-0101SAN
receiver



V2R-0101SBN
receiver with
skew correction

SPECIFICATION

CONNECTORS

VGA Input:	15-HD Plug	(V2T-0101SN)
VGA Output:	15-HD Skt	(V2R-0101S_N)
Stereo input:	3.5mm jack	(V2T-0101SN)
Stereo output:	3.5mm jack	(V2R-0101S_N)
Serial data	2-pole 3.5mm header Skt	(ALL V2 TRANSMITTERS & RECEIVERS)
External 24V.d.c.	2.1mm Skt	(BOTH)

INDICATORS

Power ON:	Green LED	(ALL MODELS)
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CONTROLS

EQ (sharpness):	adjuster	(V2R-0101S_N)
GAIN (brightness):	adjuster	(V2R-0101S_N)
SKEW (delay's):	buttons	(V2R-0101SBN)

PERFORMANCE

Video (VGA)		
Max. Resolution:	1600 x 1200@70Hz (250m)	
Bandwidth:	150MHz (-3dB)	
I/P Impedance:	75ohm	
O/P Impedance:	75ohm	
Level:	0.7Vp-p (R,G&B)	
Skew adjustment:	2ns x 31 each colour (V0R-0101SBN)	

POWER

Transmitter or receiver		
Voltage:	+24V.d.c.	(V2R-0101S_N)
Current:	150mA	(V2R-0101S_N)

AUDIO (Stereo)

Bandwidth:	30Hz-20kHz (-3dB)
I/P impedance:	10Kohm
O/P impedance:	50ohm
Gain:	0dB
Level:	-6dBm

SERIAL RS-232 DATA

Format:	Simplex (Tx only from transmitter to receiver)
Data rate:	19.2 kbaud max

ENVIRONMENTAL

Operating Temp.	0-45°C
Storage Temp.	-20°C to +70°C
Rel. Humidity:	0-90% non-condensing

PHYSICAL

Dimensions:	142(d) x 65(w) x 29(h)	(ALL MODELS)
	(including mounting flange)	
Weight:	150g	(V2T-0101SN)
	150g	(V2R-0101SAN)
	225g	(V2R-0101SBN)

ORDERING INFORMATION

V2-SA	UXGA/stereo/RS-232 extender kit ,with V2R-0101SAN receiver
V2-SB	UXGA/stereo/RS-232 extender kit ,with V2R-0101SBN receiver
V2T-0101SN	Stand-alone UXGA/stereo/RS-232 transmitter
V2R-0101SAN	Stand-alone UXGA/stereo/RS-232 receiver (CAT5)
V2R-0101SBN	Stand-alone UXGA/stereo/RS-232 receiver with skew (CAT6)
CUBE-24	+24V 0.5A UK universal plug-top mains adaptor
PSU-402	+24V 0.5A Universal in-line mains adaptor (2-pin IEC mains)
CAB-106/2	SVGA Cable, 5x coax, M/F, 2m

Point-to-multipoint transmitters

V2T-0108R-L	1:8 19" Rack Transmitter
V2T-0116R-L	1:16 19" Rack Transmitter

ASSOCIATED PRODUCTS

V-zero series	UXGA
V-one series	UXGA + stereo audio