

The VADU01T is an active VGA video & audio transmitter that provides one set of VGA video & audio signal transmission via Unshielded Twisted Pair (UTP) cable. VADU01T provides one channel of VGA and AUDIO via RJ45 output and one set of local VGA video & audio outputs. When working with VADU122R, VADU01T can extend VGA video & audio transmissions up to 1000ft / 300m with a standard resolution of 1024x768 and up to 1600x1200 @ 60Hz for 500ft / 150m.

Features:

- Transmission Distance up to 1000ft / 300m when used with VADU122R
- VGA video & audio signal transmission via UTP cable (CAT5 / CAT5e)
- 350 MHz signal transmission bandwidth
- Provides one RJ45 output and one pair of local VGA video & audio outputs
- Quality stereo audio
- High video resolution depends on the length and quality of UTP cable with standard resolution 1024x768 and up to 1600x1200 @ 60Hz
- Exceptional interference rejection
- Built-in transient protection
- Multi-platform support; supports PC, Mac, Sun, and Linux systems
- OS Support: Windows 2000 / XP / Linux / Mac / Sun
- 12V DC or USB Power (12V DC power supply included)

Components are Made In USA for this product:

Name of Component	Manufacturer
Video Signal Disposal	Intersil
DCDC Power	ST Microelectronics
Power	On. Semiconductor

R&D Designed in Taiwan
Assembled in China

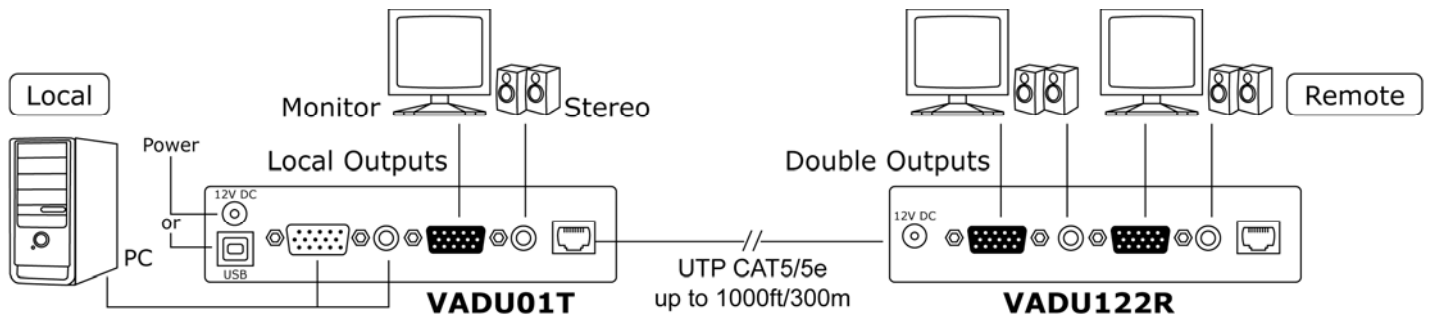


Front



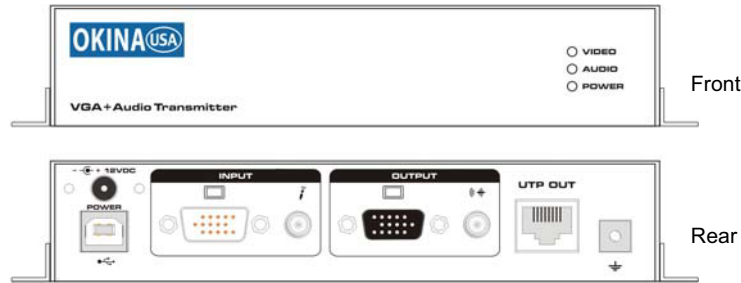
Rear

Wiring Diagram:



VADU01T	Max. Distance via CAT5 Cable	Hz
800x600 pixels	1148ft / 350m	60Hz
1024x768 pixels	1000ft / 300m	60Hz
1280x1024 pixels	650ft / 200m	60Hz
1600x1200 pixels	500ft / 150m	60Hz

Panel View:



Specification:

Model		VADU01T
Power Properties	Voltage	12V DC
	Power Consumption	1W
	Connectors	DC Jack and USB-B
	USB Protecting Current	500mA Max
Video Properties	Video Input Connectors	15-pin HDB Male (Black) Resistance: 75 Ohms
	Video Output Connectors	15-pin HDB Female (Black) Resistance: 75 Ohms
	Signal Transmission Output Connectors	RJ45
		Resistance: 50 Ohms
	Signal Transmission Band	> 350 MHz (-3dB)
	Linear Distortion	< 3%
	Synchronous Signal	0V-5V, TTL PWL
	Synchronous Signal Band	1K ~ 200KHz
DDC2	Support DDC2	
Audio Properties	Connectors	2 x 3.5mm Audio Jack
	Input Resistance	10K Ohms
	Output Resistance	600 Ohms
	Transmission Band	10 ~ 20KHz
Indicators	Video LED	Green
	Audio LED	Yellow
	Power LED	Red
Stability	MTBF	> 20,000h
Physical Properties	Dimensions (LxWxH)	160mm x 85mm x 32mm
	Housing Material & Color	Metal, Black
Weight	Net Weight	440g
Environment	Operating Temperature	0°C ~ 70°C
	Relative Humidity (non-condensing)	10 ~ 85%
	Storage Temperature	-10°C ~ 80°C
Accessories	Power Adaptor	Outputs 12V DC, 1Amp Inputs 90V ~ 250V AC
	AUDIO & USB Cables	USB-A to USB-B Connector, Support USB 2.0; 1.5m Length 3.5mm Audio Cable
	Others	2 x Mounting Bracket, 4 x screws
Packing	Box Size (LxWxH)	280mm x 192mm x 75mm

FCC CE RoHS

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Caution:

- All devices must be properly grounded.
- Do not handle the unit with wet hands.
- The unit is not waterproof and should not be used outdoors.