

**Model TTVGA300**

## Features

- 1-CH Active VGA video transmitter / receiver via UTP cat5/5e/6
- Powered via both USB(transmitter) and 5VDC (receiver)
- Transmission distance up to 984ft (300m) used in pairs
- High video resolution up to 1600 x 1200 pixels
- Multiplatform support: PC, Mac, Sun, and Linux,Windows 2000,Windows XP,Vista syste
- Support VGA, SVGA, XGA, SXGA, WXGA ,UXGA and multi-sync monitors
- Ground connection available



## Benefits

- Eliminates costly and bulky VGA cable
- Ultra compact size for installation versatility.
- Carry Video from Desktop or Laptop PC or other VGA sources to remote displays or distribution locations utilizing cost effective CAT5 cable
- Allows a simple and cost effective solution for meeting rooms, classrooms, digital signage and other presentations

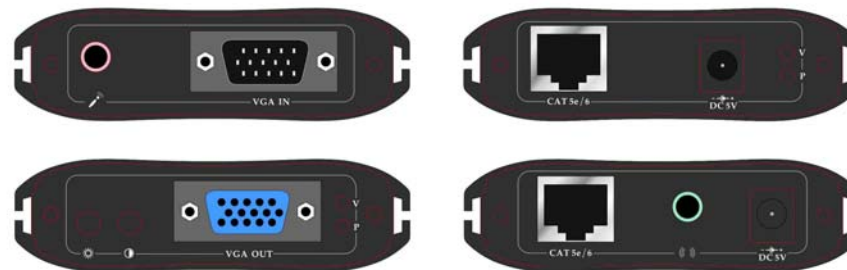


## Applications

- Security monitoring system
- Video and Audio Conferencing Systems
- LCD, plasma flat-panel multi-media advertising system
- Large screen LED curtain display system
- Large-scale demonstration system for projection equipment
- Medical Monitoring Display System
- Banks, securities, airports and financial information display system
- Multimedia Network Teaching System
- Industrial automation control System
- Remote Network Server Monitoring
- Medium-sized central control system
- Military exercises command system

## Overview

High definition VGA Twisted Pair video transmitter and receiver TTVGA300 is a high quality VGA video extender developed by FOLKSAFE using the most advanced technology. Working in pairs, they extend video signal of VGA, SVGA, XGA, SXGA, WXGA, UXGA from PC side to display side up to 984ft (300m) over UTP cat5/5e/6 cables. With super interference rejection and high-end TVS for surge protection, TTVGA300 is able to work in various environment. The picture quality is sharp; there's no ghosting and no tailing.



## Technical Specifications

Model		TTVGA300	
Product Name		Active VGA Video Transmitter	Active VGA Video Receiver
Function	Transmit Signal	1 port input	1 port output
	Transmission Distance	Max up to 984ft (300m) used in pairs	
Power	Powered via	5VDC power adaptor	USB
	Power Consumption	<1W	
Video	Input / Output Connector	1* 15pin VGA male (input)	1* 15pin VGA female (output)
	Impedance	75Ω	
	UTP Cable (connector)	1* RJ-45	
	Impedance	75Ω	
	Signal Transmission Band	>100MHz(-3db)	
	Linear Distortion	<3%	
	R,G,B Signal Distortion	<2ns	
	Common-mode Interference Rejection	65db(typical)	
	Synchronous signal	0-5V,TTL PWL	
	Synchronous signal band	1K-200KHz	
	Synchronous Signal Delay	<15ns	
	DDC2	Virtual DDC	
Indicator	Power LED	Red	
	Video LED	Green	
Adjustment	Brightness and contrast is adjustable via knob of FS-6200AR		
Ground Connection	YES		
Protection	Lightning Protection	15KV IEC61000-4-5 1995(GB/T 17626.5)1000V,10/700us IEC61000-4-51995(GB/T 17626.5)	
	Anti-static Protection	Contact Discharge:6KV Air Discharge:8KV IEC61000-4-5 1995(GB/T 17626.5) IEC61000-4-2	

# VGA over CAT5

Stability	MTBF	>6000h
Mechanical	Dimensions(L*W*H)	73*57*26mm
	Housing	ABS fire resistant
	Body Color	Black
	Net Weight	70g
Accessories	Power Adaptor (1pc): 5VDC output, 100-240V input, 600mA	
	VGA Cable (1pc), USB Cable(1pc), screwdriver (1pc)	
Environmental	Operating Temperature	-20°C-60°C
	Relative Humidity	0-95% ( non-condensing )
	Storage Temperature	-30° ~ 80° C

## Application Diagram

