

Model FS-6302AT

Features

- 2-CH Active VGA video & audio transmitter via UTP cat5/5e/6
- Powered via both 12V DC and USB available
- Transmission distance up to 1000ft (300m) used with FS-6301AR, up to 650ft(200m) with FS-6201AR
- Quality stereo audio available
- High video resolution up to 1600 x 1200 pixels
- Multiplatform support: PC, Mac, Sun, and Linux, Windows 2000, Windows XP, Vista systems
- Support VGA, SVGA, XGA, SXGA, WXGA, UXGA and multi-sync monitors
- Built-in high-end TVS for surge protection
- Super interference rejection.



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

FS-6302AT is 2 Channel active VGA Video & Audio transmitter which transmits high-resolution VGA video and high-fidelity audio over UTP cat5/5e/6. When FS-6302AT and FS-6301AR work together, they can extend signal of VGA, SVGA, XGA, SXGA, WXGA, UXGA up to 1000ft (200m). With super interference rejection and high-end TVS for surge protection, FS-6302AT is able to work in various environment.

Technical Specifications

	Model	FS-6302AT
	Product Name	Active VGA Video & Audio Transmitter
Function	Transmit Signal	2 output
	Transmission Distance	up to 1000ft (300m) used with FS-6301AR up to 650ft(200m) used with FS-6201AR
	Max No. of Cascade	8
Power	Powered via	12VDC adaptor and USB
	Power Consumption	<3.5W
	Protecting Current	Max 500mA
	Over-voltage Protection	Max 18V
Video	Output Connector	1* 15pin HD15 male
	Impedance	75Ω
	UTP Cable (output connector)	1* RJ-45
	Impedance	75Ω
	Signal Transmission Band	>350MHz(-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
Audio	Connector	2* 3.5mm stereo audio jack
	Output Resistance	600Ω
	Input Resistance	10KΩ
	Common-mode Interference Rejection	>70dB
	Transmission band	10-20KHZ
Indicator (from left to right)	Power LED	Red
	Audio LED	Yellow
	Video LED	Green
Protection	Lightning Protection	15KV IEC61000-4-5 1995(GB/T 17626.5) 1000V, 10/700us IEC61000-4-5 1995(GB/T 17626.5)
	Anti-static Protection	Contact Discharge:6KV Air Discharge:8KV IEC61000-4-5 1995(GB/T 17626.5) IEC61000-4-2
Stability	MTBF	>8000h
Mechanical	Dimensions(L*W*H)	mm
	Housing	Galvanized
	Body Color	Black
	Net Weight	
Environmental	Operating Temperature	-25℃-75℃
	Relative Humidity	0-95% (non-condensing)
	Storage Temperature	-40° ~ 150° C

Application Diagram

Diagram FS-6302AT + FS-6301AR

