Ideal for transmitting composite video extended distances over twisted pair cable, the Intelix S-V1AT transmits signals to remote Intelix baluns up to 4,000 feet away. The unit features screw terminal connectors for the twisted pair output and one BNC connector for the analog video input, as well as gain switches to adjust the video output signal quality.

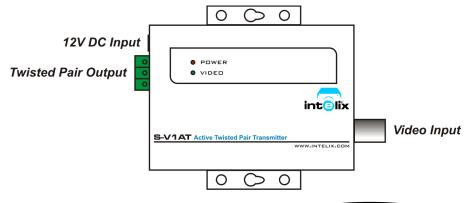
The S-V1AT is compatible with all baseband signals, including PAL, NTSC, and SECAM, and features built-in transient protection and exceptional interference rejection. The unit includes a 12V power supply.

When signal quality matters, choose Intelix.

Technical Specifications

Maximum Distance*	active system: 4,000 feet passive system: 1,850 feet	Supported Video	all baseband video signals SECAM, NTSC, PAL
Compatible Active Baluns	S-V1AR	Compatible Cable	Cat 5, Cat 5e, Cat 6, Cat 7
Compatible Passive Baluns	S-V16AR S-V1CP	Compatible Power Supply	12 - 40 VDC 9 - 24 VAC
•	S-V1ST S-V16P	Power Consumption	less than 100 mw
	S-V1P-R	MTBF Stability	greater than 30,000 hours
Signal Band	250 MHz	Output Connectors	screw terminals 50 ohm resistance
Balance Band	0-6 MHz	Input Connectors	one (1) female BNC
Attenuation	1.5 dB max	input connectors	75 ohm resistance
Interference Rejection	greater than 75 dB	Temperature	operating: 32 to 131 F (0 to 55 C)
Video Output Protection	2KV (common mode), 10/700 μs IEC 6100-4-5/1955	•	storage: -4 to 185 F (-20 to 85 C) humidity: up to 95%
	GB/T 1726, 5-1999	Signal Adjustment	four gain switches per channel
Video Input Protection	2KV (different mode) 4KV (common mode), 10/700 μs IEC 6100-4-5/1955	Diagnostic	power LED signal LED
	GB/T 1726, 5-1999	Enclosure	RF shielded metal
Over-current Protection	100 mA max	Dimensions	7.1" x 3.4" x 1.8"
Transient Immunity	6,000V: 1.2 μs x 50 μs per ANSI/IEEE	Compliancy	FCC, CE, RoHS
•	587 C62.41 B3 3,000V: 8μS x 20μS when ground screw	Ordering Information	S-V1AT: one balun and one power supply
	terminal is bonded to earth ground	Warranty	Two years
External Power	12V DC		

^{*}Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5.







Phone: 608-831-0880 Toll-Free: 1-866-4-MATMIX Fax: 608-831-1833