

The Intelix S-V1ST transmits composite video over a single twisted pair cable, such as Cat 5 or Cat 6. The S-V1ST features a male BNC connector for direct connection to source and destination devices, as well as screw terminal connectors for quick twisted pair connection. Used in pairs, S-V1ST baluns replace bulky coaxial video cable and utilize a building's existing structured cabling network.

The S-V1ST conforms to IEC 61000-4-2:1995 protection standards and features exceptional interference rejection. S-V1ST baluns are ideal for security

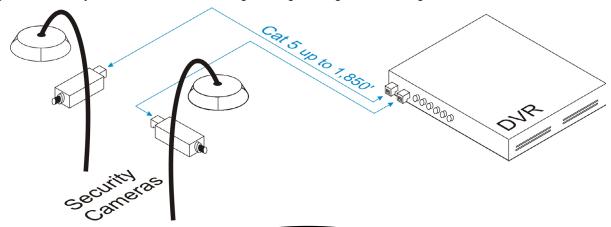
and monitoring applications with such equipment as CCTV cameras, monitors, DVRs, video sequencers, video multiplexers, quads, switchers, and servers.

## When signal quality matters, choose Intelix.

## Technical Specifications

Maximum Distance*	active system: 1,850 feet	Interference Rejection	Yes
	passive system: 1,000 feet	Resistance	75 ohm
Maximum Input	1.1 Vp-p	Connectors	Video: one (1) male BNC
Video Signal	1 Vp-p, 75 Ohms		Twisted Pair: two (2) screw terminals
Bandwidth	DC to 5 MHz	Temperature	Operating: 32 to 131 F (0 to 55 C)
Interference Rejection	Greater than 60 dB		Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Attenuation	1.5 dB max	Compatible Intelix Products	S-BB4
Impedance	75 ohms	1	S-V16P
Insertion Loss	Less than 2 dB over the frequency		S-V16AR
	range	Enclosure	ABS plastic
Return Loss	Greater than 15 dB over the frequency	Dimensions	1.5" x 0.9" x 0.9"
	range	Compliancy	FCC, CE, RoHS
Common Mode Rejection	Greater than 40 dB over the frequency range	Ordering Information	S-VIST: one balun in bulk packaging S-VIST-PAC: two baluns in retail-
Protection	2KV, 10/700 μs	Warranty	ready packaging
	(IEC6100-4-5 (GB/T1726,5-1999)		Two years
Compatible Cable	Cat 5, Cat 5e, Cat 6, Cat 7		

<sup>\*</sup>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.





www.intelix.com

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