

The Intelix S-V16AR receives composite video up to 4,000 feet over standard twisted pair cabling, such as Cat 5 and Cat 6. When used in conjunction with compatible passive Intelix baluns, the S-V16AR effectively extends cabling distances and replaces traditional bulky video cable.

A rack-mounted card frame system, the S-V16AR supports up to 16 active input modules (sold separately), thereby allowing custom configurations depending on the application requirements. Each channel features dual buffered BNC outputs, built-in surge suppression, ground loop isolation, gain and loss control, diagnostic video detection, and automatic video adjustment. The S-V16AR is 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: 4,000 feet passive system: 1,850 feet	External Power	switching supply 90 - 250 VAC 50 - 60 Hz
Compatible Active Baluns	S-V1AT	Input Connectors	fully populated: 4 RJ45 and 16 terminal blocks
Compatible Passive Baluns	S-V1ST	Output Connectors	32 female BNC
Supported Video	all baseband video signals SECAM, NTSC, PAL	Temperature	operating: 32 to 131 F (0 to 55 C) storage: -4 to 185 F (-20 to 85 C) humidity: up to 95%
Frequency Response	DC to 6 MHz	Signal Adjustment	automatic
Signal Band	250 MHz	Diagnostic	power LED (blue) signal strength LED (yellow)
Balance Band	0-6 MHz	Enclosure	RF shielded metal
Attenuation	1.5 dB max	Dimensions	16.9" x 5.2" x 2.6" 1.5 RU
Interference Rejection	greater than 75 dB	Compliance	FCC, CE, RoHS
Video Output Protection	2KV (common mode), 10/700 μ s IEC 6100-4-5/1955 GB/T 1726, 5-1999	Included Accessories	(2) 19" rack-mounting ears (2) 19" rack-mounting handles
Video Input Protection	2KV (different mode) 4KV (common mode), 10/700 μ s IEC 6100-4-5/1955 GB/T 1726, 5-1999	Ordering Information	<i>S-V16AR</i> : one rack-mount chassis <i>S-V16AR-MOD</i> : one input module
Over-current Protection	100 mA max	Warranty	two years
Compatible Cable	Cat 5, Cat 5e, Cat 6, Cat 7		
CMRR	70 dB		
Transient Immunity	6000V, 1.2 μ s x 50 μ s		
MTBF	greater than 30,000 hours		

*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.

