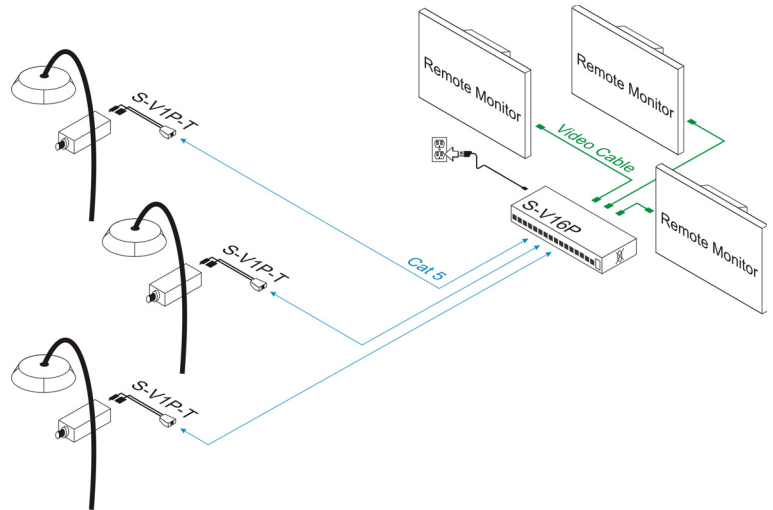The Intelix S-V16P transmits composite video and power over a single twisted pair cable, such as Cat 5 or Cat 6. When used with compatible Intelix baluns, the S-V16P receives video from remote sources, such as cameras, and supplies power to all sixteen remote channels. The power circuit in the S-V16P combines twisted pairs 1, 2, and 4 for power distribution, allowing higher voltage and longer distances.

The S-V16P features a wave filter and anti-static design, mounts in a single 1RU 19" rack space, and conforms to IEC 61000-4-2:1995 standards. The unit 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*	Video: 1,000 feet Power: 800 feet	**Interference Rejection**	Yes
Input Power	100-240V AC 50 - 60 Hz	**Compatible Cable**	Cat 5, Cat 5e, Cat 6, Cat 7
		Compatible Baluns	Video and Power: S-V1P-T Video: S-V1ST
Output Power Supply	120W 13V DC		
Output Maximum Current	9.2A	**Input Connectors**	16 RJ45
Distortion	Less than 3%	**Output Connectors**	16 female BNC
Bandwidth	DC to 6 MHz	**RJ45 Pinout**	Video: 1 & 2 Power: 3 & 6, 4 & 5, 7 & 8
Impedance	75 ohms		
Insertion Loss	Less than 2 dB over the frequency range	**Temperature**	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Return Loss	Greater than 15 dB over the frequency range		
		Enclosure	Shielded Metal
Common Mode Rejection	Greater than 40 dB over the frequency range	**Dimensions**	17.0" x 6.9" x 1.8"
		Compliancy	FCC, CE, RoHS
Video Input Protection	2KV (common mode) IEC6100-4-5/1955(GB/T) 1726,5-1999	**Ordering Information**	S-V16P: one rack-mount balun, one power supply, and two 19" rack-mounting ears
Video Output Protection	4KV (common mode) 10/700 μs	**Warranty**	Two years

*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.

2222 Pleasant View Road
Suite #1
Middleton, WI 53562

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

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