



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> • Flexible system with combination of video, power and control over a single Cat5 cable • Video up to 3,000ft (900 m) over a single Cat5 or better cable • Self adjusts for best picture • Selection of 'hot swappable' cards; plus PTZ* Control card is available. *(Pan, Tilt, Zoom) • Flexible – buy what you need now and expand as needed • Optional redundant power option which gives continuous operation • System is easily upgraded • Fits in standard EIA 19" rack (2u) • UL , CE, FCC certified, and RoHS compliant 	<p>The ETS Video Surveillance <i>Plus</i> Systems, Hot Swappable Cards fits into the ETS VSP-10XX Chassis and allows you to send video up to 3000 feet (900 meters) over a single Category5 or better cable. The hot swappable cards are designed to handle up to 4 cameras and pass 1.5 amps of 28 volt power to each. The pan, tilt, zoom function is attained by using the VSP-409 Pan, Tilt, Zoom card.</p> <p>Active Frequency Compensation tracks the Automatic Gain Control and self adjusts for the best performance. Protection from power, static or electrical interference is built in the VSP-406 card.</p> <p>A passive non-powered system can be achieved by using the ETS VSP-404 card.</p> <p>Expansion and modifications are easily accomplished and allows the user a custom video surveillance system with no interruption in service. All modifications and expansions can be done while the system is functioning.</p> <p>One card powers four cameras with each card providing 1.5 Amps at 28 VAC to each camera. In situations where there is excessive current draw on any camera port, the camera port shuts down, waits and retries. The other cameras remain operational.</p> <p>The VSP System has been designed from the ground up for structured cable architecture to take advantage of current standards based methods, making a simple installation to Telco and Data installation professionals.</p> <p>When used in conjunction with the optional VSP-10RPS redundant power supply and the hot swappable cards, it is possible to attain 24/7 all year operation with the VSP System.</p>	<p>Video Surveillance Systems for:</p> <ul style="list-style-type: none"> • State/Federal Buildings • Transportation Systems • Highways, city streets • Parking lots • Retail, schools • Military bases • Banks • Casinos • Hospitals • Elder or child care facilities • Hotels • Construction sites • Shopping centers • Sports arenas

Specifications		Product Ordering Information	
Size:	1 module slot in chassis	VSP-401	Central card
Capacity	4 cameras per card	VSP-402	Power expander card
Power Requirments	powered by chassis	VSP-403	Short haul card
Input	Balanced low voltage current loops	VSP-404	Passive card
Output	1 Vpp composite video for color or monochrome	VSP-405	Long haul card – up to 3,000 ft (900 meters)
Common Mode Rejection	60dB to 10KHz and 50 dB to 10MHz typical	VSP-406	Auto Gain Card – long haul
Video Formats	RS170, NTSC, PAL SECAM, CCIR (color or monochrome)	VSP-409	Pan, Tilt, Zoom control card
Dimensions (HLW)	3.50in x 1.70in x 7.00in		
Net Weight	8 oz		

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