

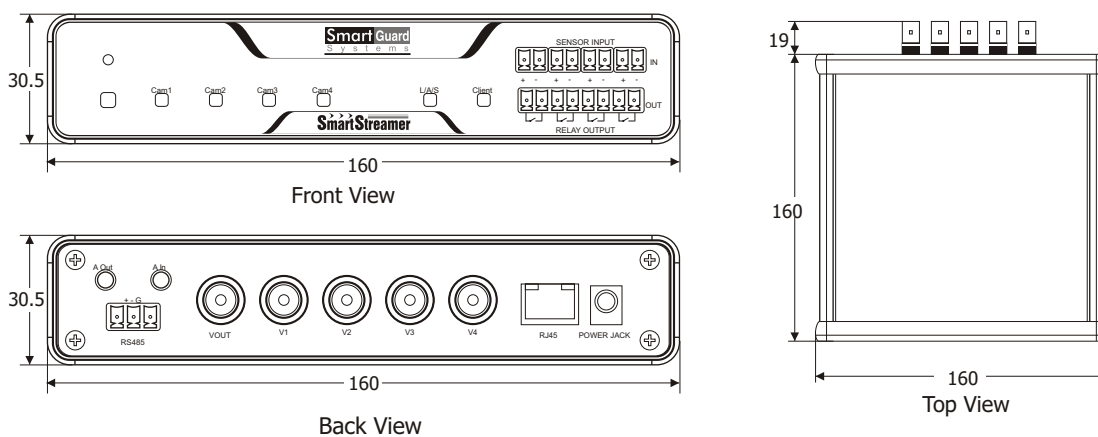


- Easy integration with legacy CCTV systems
- High-end video content analytics separate for each channel
- Event based video recording and alerts
- Real-time performance with H.264 or MPEG4 video compression
- Software framework with APIs for integration with existing video management software
- Easy to use web based application for system configuration
- Features rich client application for live viewing of video, events and alerts

Overview

Smart Guard Systems' Smart Streamer SSQ301HA is a multichannel IP video server with on board video content analytics. SSQ301HA readily integrates with analog CCTV infrastructure migrating it to an IP based surveillance system for target applications such as Retail, Banking, Aviation, Railway, Industrial, Defense, Police etc.

Dimension Diagram



Technical specifications – SSQ301HA Video Encoder

Video	Compression	MPEG4, H.264, JPEG, MJPEG
	Resolution	<ul style="list-style-type: none"> ■ 4-Channel CIF ■ 4-Channel QVGA ■ 2- Channel VGA ■ 2-Channel D1
	Bit rate	10K to 4M bps
	Frame rate	30/25 (NTSC/PAL) for each channel
	Video Input	<ul style="list-style-type: none"> ■ 4 Analog video inputs (Expandable upto 8) ■ NTSC/PAL Auto detect ■ BNC Connector
	Video Streaming	Multicast
Audio	Compression	G.711
	Audio Input	<ul style="list-style-type: none"> ■ 1 Mono (8KHz) ■ 3.5 mm Audio Jack
	Audio Output	<ul style="list-style-type: none"> ■ 1 Mono (8KHz) ■ 3.5 mm Audio Jack
Network	<ul style="list-style-type: none"> ■ Ethernet Port - Ethernet (10/100 Mbps), RJ-45 connector ■ Protocols - TCP/IP, HTTP, ARP, SMTP, DHCP, DNS, NTP, SNMP v2 	
Intelligent Video	<ul style="list-style-type: none"> ■ Video Analytics - Rules Based Object Detection, Classification, Pre-post event video recording, emails & alarms ■ ObjectVideo® OnBoard™ 5.0 	
Alarm	<ul style="list-style-type: none"> ■ Input – 4 Terminal block connector (Digital inputs) ■ Output – 4 Terminal block connector (Relay outputs) 	
Pan/Tilt/Zoom	<ul style="list-style-type: none"> ■ Rs485 ■ 3 Pin terminal block (Supports Pelco D and Pelco P PTZ Protocol) 	
Software	<ul style="list-style-type: none"> ■ Browser based interface for configuration and access ■ Security Password protection 	
External I/O	<ul style="list-style-type: none"> ■ Reset Button Factory default ■ LED Power / serial port / network status 	
System	Processor:	Dm643x, 600MHz
	DDR2 Memory:	64MB/128MB
	Program Memory:	16MB/32MB
	Local Storage:	Up to 2GB (Optional)
Operating Conditions	Power:	+6V to +12V DC
	Operating Temp.:	
	Storage Temp.:	-40 C to +85 C
	Relative Humidity:	10 to 90% RH (non-condensing)