

# Smart Streamer SSQ200FZ



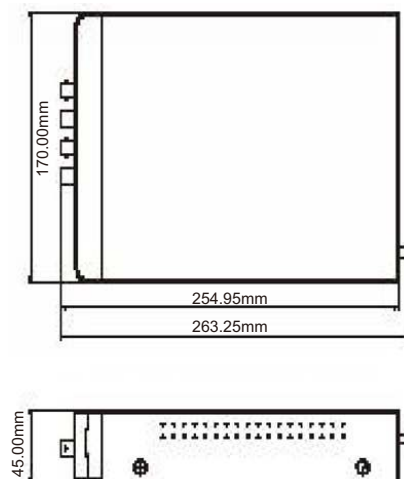
- H.264/ MJPEG dual codec simultaneously.
- RTSP video streaming support 3GPP.
- High resolution up to Full D1.
- 2-way audio.
- UPnP discover and NAT traversal.
- RS-485 PTZ control protocols (Pelco-P, Pelco-D)
- Advanced Video Motion Detection with various notifications.
- Powerful open API/SDK for system integrators to easily develop niche application.

## Overview

Smart Guard Systems' SSQ200FZ is a four channel IP video server. SSQ200FZ 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.

With the 4 channel SSQ200FZ, delivering MPEG4 formatted video and audio has never been easier. The encoder supports both NTSC and PAL video formats along with a wide range of video resolutions, frame rates, and bit rates. The best part of the encoder is that it is easy to configure and is reliable and flexible. The video compression can be done in any of the H.264 and MJPEG. The encoder also has powerful open Application programming interface and software development kit which helps system integrators to develop niche programs for the same.

## Diagram



# Technical specifications

	Compression	H.264, MJPEG, 3GPP
Video	Resolution	Ffull D1 (704x480/NTSC, 704x576/PAL) 2CIF (704x240/NTSC, 704x288/PAL), VGA CIF (352x240/NTSC, 352x288/PAL) QCIF (176x120/NTSC, 176x144/PAL)
	Frame rate	30fps @ D1 resolution in NTSC 25fps @ D1 resolution in PAL
	Bit rate control	Both CBR and VBR
	Multi-streams	Maximum 3 video streams: 1x D1, 1x CIF, and 1x QCIF for recording, preview, and 3GPP respectively
Video processing	De-interlace	3D
	Motion detection	3D
OSD		Supported
Video Input	Composite input	4x CVBS, 1.0Vp-p 75 ohm BNC connector
Audio	Compression	G.726 @ 24kbps
	Audio line input	4x line-in jack
	Audio line output	1x line-out jack, Full Duplex Audio
	Microphone input	1x MIC in jack, Full Duplex Audio
Alarm	Input	4x TTL terminal block
	Output	4x TTL terminal block
Camera control	Serial port	1x RS-485, 1 x RS-232
Storage	External	1x SD card
Other I/O	Reset button	1x Button to reset to factory default
	LED	1x Power LED 4x Video in LED
Network	Ethernet	1x RJ-45 Ethernet connector with LED
	Protocol	IP, TCP, UDP, ICMP, IGMP, ARP, DHCP, DNS, DDNS, NTP, RTP, RTSP, HTTP, SMTP, FTP, PPPOE
Software	Web browser	Microsoft Internet Explorer 6.0 or above
	PTZ protocols	Pelco-P, Pelco-D
	Compatible platforms	STD, ZTE, HXHT, Alcatel
General	Power	12V DC
	Power consumption	
	Operating temperature	-10°C~ +50°C
	Storage temperature	-20°C~ +70°C
	Humidity	20% ~ 95% non-condensing
	Open API	CGI commands to control camera Media SDK to handle streaming
	dimension	170 (W) x 255 (D) x 45 (H) mm

**Contact:**