



GENESIS i & c

Video and Audio Processing Technologies (MPEG-1/2/4, MJPEG, H.264); Image Processing; Video Security Systems; and Image-Saving Related Technology (MJPEG-MPEG); DVR systems; Video Server; Network Controllers; CCTV Cameras

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Corporate Overview

Genesis I & C is Korean manufacturer of DVR systems and digital security cameras and related technologies. Although only founded in 2005, Genesis has already earned a reputation of quality and reliability by supplying and working with some of the industries key players such as: Xenix; Win4Net; Semyung; and CNB Technology.

Genesis I & C holds specialized patents related to jail surveillance and a military watch post utilizing para-scanning cameras.

Genesis is focused on four main areas of technology:

I. Digital video / audio processing technology

- Video compression / decompression technology - MPEG-1/2/4, MJPEG, H.264
- DSP designing technology - multi channel video / audio compression / decompression DSP
- FPGA designing technology - multi split screen creation & multiplex output technology



II. Image processing system designing technology

- Embedded system designing technology
- Hardware for image processing design technology
- RTOS technology (Embedded Linux, pSOS, VxWorks, WinCE)
- Linux kernel & device driver construction technology
- Windows device driver developing technology (Vxd, Wdm)

III. Video security related technology

- Image data base construction technology
- Multi-image data transmission and remote surveillance technology
- Still image & motion picture watermark technology

IV. Image saving-related technology

- Video stream between (MJPEG-MPEG) saving technology
- Video title recording and playback technology
- Digital motion picture editing and merging technology

Genesis Representative Resellers

- Supercircuit
- Total Security
- Optima System

