IVC-4200

4-Channel MPEG4 video capture card

IVC-4200

The Easiest Way to Develop MPEG4 DVR Solution

The first DVR solution that supports complete MPEG4 DVR software development! Preview/recording programs and SDK(Software Development Kits) with detailed documents are available.

Support "High" quality and "Low" bit rate image. You can adjust bit rate from 50Kb to 3M Kb, let you get perfect balance between image file size and quality. So that you can easily develop your own software for DVR or Streaming software.

Support various kinds of image file format. Such as "MPEG1", "MPEG2", "MPEG4", "DivX", "Microsoft WMV", "Sigma Design MPEG4", "H.263", etc.

Overview:

IVC-4200 is a video capture card designed for multi-channel applications. It includes 4 channels MPEG-4 hardware encoder to provide real-time VGA quality video capture for each channel.

Key Feature:

4 Channels MPEG 4 Hardware Video Encoder
Video quality up to VGA (Full D1) size at real time (30 fps) for each channel
Programmable constant bit-rate control

● Specifications

Hardware:	
PCI Interface	PCI V2.1 Compliance, Plug & Play support
Video Encoding	MPEG4 Encoder x 4 MPEG4 Advanced Simple Profile @L3
Analog Video Capture	Video Decoder x 4
SDRAM	16MB
Video Input	
Video Input	4 Ch. BNC Composite Video, NTSC/PAL/SECAM auto sensing
Output Stream:	
Multiple Video Resolution	720 x 480, 360 x 240, 180 x 120 (NTSC) 720 x 576, 360 x 288, 180 x 144 (PAL)
Frame Rate	30 FPS (NTSC) for each channel 25 FPS (PAL) for each channel
Output Format	DivX, Microsoft WMV, Sigma Design MPEG4, H.263 MPEG-2 MP @ ML MPEG-1
Compression	Programmable GOP structures of I, IP, IBP, IBBP Dynamically adjustable bit rate and frame rate to fit variable bandwidths (for Internet communication applications)
mage Processing	Hardware control of brightness, contrast and saturation.
Video Performance	DVD quality full D1 video at 3 ~ 16 Mbps, High quality CIF video at 384Kbps High quality QCIF video at 96Kbps High quality Full DI video at 1Mbps
Software Support:	
Device Driver	Provide driver for Window 2000 and Windows XP systems
SDK	Provide Window 2000, XP SDK with demo program for software application development.

● Ordering Information

● **IVC-4200**
4-Channel MPEG-4 Video Capture Card