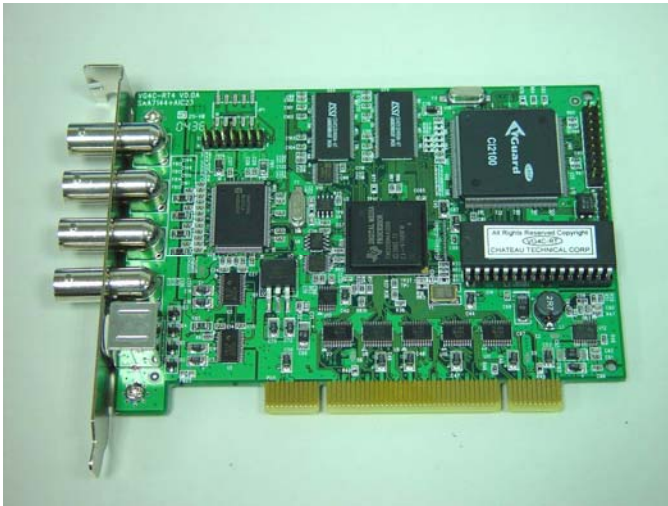


The new H.264 Video Capture for DVR

IBP-1704 Series



IBP-1704 supports 4 video and 4 audio channels; for video, with the Leading-edge technology of H.264 hardware compression, it can reach high resolution video quality with high frame rate performance (30 fps/NTSC) in recording mode and, playback/live view mode as well.

IBP-1704 also adapted the unique “Image contraction”, “Separation of front and back image”, and “Recording when movement detected” techniques, built internally for separating motion objects and the compression process, such to increase the speed and quality for both the encoding and decoding process; this also effectively extends the total recording hours for a more compact HDD space requirement.

For PTZ and Speed Dome camera support, users can control most of the camera’s function through the standard internal RS-232/485 control; the board also supports digital I/O Port for the control of any Alarm Device or Detective equipment.

Features:

- High compression rate with the H.264 technology adapted
- 4-channel video and audio support
- High Frame-rate (30fps) and resolution support
- Multi-tasking for Playback, Recording, and Remote Monitoring
- PTZ and Speed Dome camera support
- TCP/IP Networking for Remote function
- Motion-detection with Alarm support
- Digital I/O for Sensor device support
- Video quality and Frame-rate adjustable to accommodate the LAN traffic



Hardware Specification

Video/Audio IN	4 video channels of BNC jack, 4 audio channels of RCA jack
Recording Speed	Up to 480 fps for 16 channels (using 4 cards together)
Display Resolution	NTSC: 640x480/ PAL: 640x576
Recording Resolution	NTSC: 320x240/ PAL: 320x288
Compression Technique	H.264 hardware compression by DSP
I/O Port	8 I/O pins
Watchdog Timer	Hardware timer
OS Platform	Windows 2000/XP support

Software Specification

Recording Mode	Normal, Recycling, and Programmable
Monitoring Mode	Normal, Motion-detection Triggering, and Motion-detection Trigger with Recording
Auto Scan	Auto-enlarge one channel window at a time for a better viewing
Image Control	Brightness, Contrast, Saturation and Hue
Available HDD Space	Indicating the free, available HDD storage space
E-map Function	E-map for locating the broken, disconnected, or alarm triggered camera
PTZ/Dome Support	Direct control in moving up, down, left, right, Zoom IN/OUT, Iris and Focus, Preset-point setting, Auto-pan, and the Cruise function.
Image Quality	Adjustable compression level
I/O Control	I/O ports for external equipments
Alarm Function	When triggered, can work with remote and email function
E-mail function	When Alarm triggered, can send images or snapshots to designated user.
Live Video/Audio	Supports live monitoring or remote access of video and audio.
Authorization setting	System supervisor can set authorization in control of the system protection.
Multitasking Capability	Recording, playback, remote monitoring, and local viewing at the same time.
Printing Function	Snapshot with date, time, place, and camera name.

Playback Function

Intelligent Search	Provides search by alarm-trigger tag.
File Mode	All video data files are saved and managed in order of Time/Date.
Backup Function	Support most PC-based solutions like DVD/CD/USB Drives, and so on.
Playback	Provides play, stop, clip, dragging, and fast/slow playback functions.

Networking Function

Network Function	Connect to remote systems through TCP/IP networking.
Remote Live Image	Access and record for the live image from the remote system
Remote Control	PTZ control, I/O port, and to set the remote alarm detective area, recording snapshot, activate or disable the alarm.
Remote control Transmission	Support for PSTN, Internet, LAN, and mobile

Ordering Information:

IBP-1704: Video Capture card, 4-ch video/audio, H.264 H/W compression, PCI interface



IBASE TECHNOLOGY INC.
Bldg. G, 11F, No. 3-1, Yuan Qu St. Nankang, Taipei, Taiwan 115, R.O.C.
Tel: 886-2-26557588 Fax: 886-2-26557388
E-mail: sales@ibase.com.tw URL: <http://www.ibase.com.tw>

Your Solution Provider