

MPEG4 Video Capture for DVR

IBP-1308 Series



Features:

- 8 video and 2 audio channels
- Adjustable video quality for recording
- Clear playback images
- Multi-tasking for Recording, Playback, and Remote Monitoring
- I/O and PTZ camera support
- TCP/IP LAN function support
- Motion-detection driven operation
- Water-mark for data integrity protection

IBP-1308 supports eight video channels with the State-of-the-art software video compression technique. It can reach a display resolution of 640x480 and a recording resolution of 320x240. The build-in voice chips record voice data at the same speed with video recording for two audio channels. These features guarantee the quality of recorded images and sound in playback to be “what you see/hear and what you get” performance.

This capture card is developed with “Image contract”, “Separation of front and back image”, and “Recording when movement detected” techniques, built internally for separating the motion objects and the compression process, to increase the speed and quality for the encoding and decoding; these also effectively extend the total recording time with a more compact HDD space need.

For PTZ camera support, users can control most of the cameras’ movement such as the moving of the lens for up, down, right, left, turn, or in focus. Also, it can have the Iris control, the screen Zoom In/Out, preset of the Point, the Cruise, and the Auto-pan function. Beside these, the system also provides 8 I/O ports for the connection of any sensor device or detective equipment for I/O control support.



Hardware Specification

Video In/ Audio In	8 video channels of BNC jack/ 2 audio channels of RCA jack
Recording Speed	Up to 160 fps for 8 channels
Display Resolution	NTSC: 640*480/ PAL: 640*576
Recording Resolution	NTSC: 320x240/ PAL: 320x288
Compression Technique	MPEG4 S/W compression rate: 1:40~1:2400 max.
I/O	8 I/O pins
Watchdog	Supported
OS System	Windows XP/2000 Professional

Software Specification

Recording Mode	Normal, recycling, and programmable recording modes.
Monitoring Mode	Normal, Detection-area Alarm Triggering, and Detection-area Alarm/Recording Triggering modes.
Auto Scan	Automatically enlarge 1 channel/camera each time.
Image Control	Control the brightness, Contrast, Saturation and Hue.
Available HDD Space	Indicates the Hard disk space availability.
E-map Function	E-map for locating the broken, disconnected, or alarm triggered camera
PTZ/Dome Function	Direct control of the Dome camera to move up, down, left, right, zoom in/out, iris and focus, preset point setting and control, auto-pan and the cruise function.
Image Quality	Adjustable compression quality
I/O Control	Provide I/O ports control to let user connect with external equipments.
Alarm Function	When alarm triggered, voice messages can be sent to preset telephone/mobile, or to send the images to designated email users.
E-mail function	Triggered by Alarm to send images or snapshots to designated user.
Live Video/Audio	Support live monitoring or remote access of video and audio.
Authorization setting	Supervisor to set authorization in control of the system protection.
Multi-task 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	Provide search by alarm-trigger tag.
File Mode	All video data files are saved and managed in order of Time/Date.
Backup Function	Backup with HDD/RAID, DVD-RAM/RW, CD-RW, DAT, and MO devices.
Playback	Provide play, stop, clip, dragging, and fast/slow playback functions.

Networking Function

Network Function	Connect to remote systems through TCP/IP.
Remote Live Image	Remote access and record the live image from the other host system.
Remote Control	To remote control PTZ, I/O port and to set the remote alarm detective area, recording snapshot, activate or disable the alarm.
Remote control Transmission	Support PSTN (56K Modem), Internet, Intranet, mobile

Ordering Information:

IBP-1308: Video Capture card, 8 Video Channels, 2 Audio Channels, MPEG4 Software Compression Technique, PCI bus.



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