

Grand Virtual Guard



Colour Quad Processor + Remote Surveillance

4-port **Grand Virtual-Guard** PC-based surveillance system allows you to connect up to four video signals from CCD, TV, VCR, LD, V8 and display/record them simultaneously on your PC or view from remote location through TCP/IP protocol (Internet/Intranet). This solution operates as a PC, yet is more powerful and configurable than most permanently installed systems. The system uses motion detection technology and Microsoft Video Compression so that only moving objects will be recorded. The compression rate of up to 300:1 can save the time and cost of continuous recording as is used by most traditional surveillance systems.

Key Features:

- Hardware System
 - Switchable NTSC, PAL video system .
 - Supports 4 composite video RCA inputs.
 - Supports Composite VIDEO and S-VIDEO Output Signal.
 - VIDEO 1-4 buttons are used to display single channel video and set 'main-channel' for PIP mode. After PIP button, VIDEO 1-4 buttons are used to select the small sub-window picture.
 - Supports RS232 Serial Interface(Baud rate 9600 N.8.1).
 - Remote: 5~15fps (10-Base LAN)

Key Features:

- Software System
 - Display and record each camera or any video signal simultaneously
 - Adjustable video source (brightness, contrast and etc.), quality, alarm, and motion detection area
 - Motion Detection : watches for movement and records the video clips
 - Preview size adjustable
 - Image quality and compression ratio adjustable
 - Allows the users to define the environment that they do not wish to observe, by adjusting mask area and sensitivity
 - Video file database management: delete, backup or review
 - Storage recyclable
 - If running out of disk space, you can delete the oldest data first
 - Remote view through TCP/IP protocol (Internet/Intranet)
 - Compression ratio(without motion detection)
 - High Image Quality - 4:1
 - Low Image Quality - 30:1
 - Every camera frame rates:
 - Server: 25 ~30 fps (depends on your CPU)
 - Remote: 5~15 fps (10-Base LAN)

Specifications:

- Virtual-Guard Hardware
 - Grand Virtual-Card(PC PCI Interface)
 - Grand Virtual-Guard (Color Quad Processor)
- Bundle with following Software:
 - Grand Virtual-Guard capture driver.
 - Grand Virtual-Guard Digital Surveillance System
 - Grand Remote Cam System (Internet/Intranet)
- Fully PCI 2.1 compliant
- Supports Windows 98
- Supports video signal from CCD, TV, VCR, LD V8
- Supports NTSC/PAL video format
- Supports 4 composite video RCA inputs

System Requirements

- Intel Pentium 200 or above, Pentium II 350 is recommended
- Microsoft Windows 98
- Audio output: sound card
- Network: Ethernet network card or Modem
- Hard disk space: Plenty of disk storage for recording. At least 1GB
- System RAM: 64 MB or above
- Display card: 16 bit high color or 24-bit true color

