Nucleus Computer Services P/L

Grand Virtual Guard

Color Quad Processor + Remote Surveillance

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

Specifications

Virtual-Guard Hardware:
1. Grand Virtual-Card (PC PCI Interface)
2. Grand Virtual-Guard (Color Quad Processor)

Also bundled with:
1. Grand Virtual-Guard capture driver
2. Grand Virtual-Guard Digital Surveillance System
3. 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 input connector

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: At least 1GB of disk storage for recording

System RAM: 64 MB or above

Display card: 16 bit high color or 24-bit true colour

Key Features

Hardware System

Switchable NTSC, PAL video system

Supports 4 composite video input connector

Support Composite VIDEO and S-VIDEO Output Signal

Four selectable video displays including "Picture in Picture"

Supports RS232 Serial Interface (Baud rate 9600 N.8.1)

Software System

Displays and records each camera or any video signal simultaneously

Motion Detection : watch for movement detected and record the video clips

Alarm

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

Remote view through TCP/IP protocol (Internet/Intranet)

Compression ratio (without motion detection). High Image Quality: 4:1; Low Image Quality: 30:1

Camera frame rates: Server: 25 ~30fps (depending on your CPU); Remote: 5~15fps (10-Base LAN)

www.nucleuscomputer.com.au