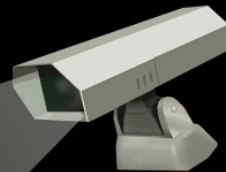
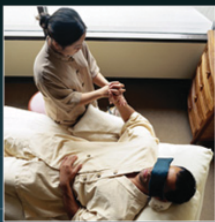


DARIM[®] www.darim.com

SeeHAWK^{5.1}

Highest Quality Long Distance
Video/Audio Surveillance through Phone Lines

Just hook up a phone line, one or more cameras and a power cord and it's all set! Now you can safely go anywhere in the world and remember that your place is always within reach of your portable computer and a modem...



PHONE LINE
VIDEO SURVEILLANCE
UNIT WITH UP TO 4 CAMERAS

Watch, Listen & Speak



SeeHAWK is all you need to...

Watch and speak with your home or office
Monitor your childrens safety from work

*Just hook up a phone line, one or more cameras and a power cord and it's all set!
Now you can safely go anywhere in the world and remember that your place is always within reach of your portable computer and a modem...*



Features

Low cost, maintenance-free standalone unit. High quality Wavelet-compressed video from 4 sources and one channel full duplex audio can be transmitted simultaneously between SeeHawk and operator's PC through plain phone line using SeeHawk's internal PSTN modem with bit rate up to 56Kbps.

Optional connectivity support: External PSTN modem, ISDN modem, cellular services (GSM modem), leased line modems and direct cable connection.

SeeHawk unit and PC client software is specially designed for extremely low-speed connection, giving user a near-real time surveillance capability.

Maximum achievable video update rate for one camera with 28.8 kbps modem connection and 170x120 resolution – 5 frames per second

Snapshots – high quality/resolution images can be captured into internal SeeHawk memory at operator's request, while monitoring area with low quality/resolution but high frame rate.

Audio user interface provides full control on audio streaming mode, and speech direction.

Built-in non-volatile memory and Compact Flash (removable card) are used as audio/video storage.

Callback mode: SeeHawk unit can be instructed to call back the specified number and notify about suspicious activity in the monitored area or alarm events on any sensors to show high quality captured snapshots sequence (user-defined) on the screen with audio record and/or save it in JPEG or AVI file without user interference.

Motion Detection is provided with adjustable sensitivity level and camera participation in motion monitoring cycle for every camera.

Password protection prevents unauthorized access.

Internal RTC for time-stamping pictures and event planning

Camera Pan/Tilt/Zoom (PTZ) control for certain camera models: Sony EVI-G20, Sony EVI-D30, Kalatel, Philips TC-700, CNB-PTD302, etc.

Can be optionally connected to Windows-based Web server to make JPEG images available through the web browser.

Hardware specifications:

- 4 BNC composite video inputs (1 Vp-p/75 Ohm)
- One full duplex audio channel: Microphone input and Speaker output jacks (1/8 inch mono) connectors provided for external electret-foil microphone and speaker.
- 2 RS-232 ports (9-pin D-SUB male). One RS-232 is for ext. modem and another for PTZ function support.
- 8 inputs (TTL level) for external alarm sensors
- 4 relay outputs (0-400V AC/DC , 120 mA) that can operate on alarm events: sensors activation, motion detection, video loss.
- Onboard Memory: 512 KB non-volatile compressed video/audio buffer. Enough for storing of approx. 50 good quality images at 340x240 resolution
- Compact Flash type II socket – memory card is used as an optional removable storage (up to 256MB)
- Video Input Type: NTSC, PAL, B/W 60 Hz, B/W 50 Hz
- Video Resolution: 680x480, 340x240, 170x120
- Video Compression: Wavelet
- Audio Compression: G723.1 5.3 Kbps
- Dimensions: 310mm x 140 mm x 56 mm
- Power consumption: +12V/1.0A (requires external power supply)

Client System Requirements:

Desktop or notebook PC with Pentium MMX 200 MHz CPU or better
64 MB or more RAM (96MB or more for Windows NT/2000/XP)
Video Display configured for 800x600 resolution at 65K colors or better
Any 14.4 Kbps or faster (56 Kbps is recommended) modem connected to a telephone line or mobile phone
Microsoft Windows 95/98/NT/2000/XP operating system



DARIM

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