HOBO™ DATA SHEET

HOBO is a software package that allows mono video pictures to be transmitted between two PCs, with video storage on either PC. The first PC is located at the "camera site" and the second PC at the "monitoring site". Images are transmitted over telephone lines (PSTN, ISDN or cellular).

HOBO consists of DOS based software and a PC video and alarm card at the camera site and Windows based software at the monitoring site. It can easily be retrofitted to an existing CCTV system.

HOBO is ideal for quickly linking small CCTV systems together by modem and is perfect for the business user or owner with more than one site or property. An added advantage of having a software based receiver is that it can work on a laptop computer to create a mobile monitoring station, totally mobile if cellular phones are used.

Each HOBO TX package contains a four camera card, two cards can be fitted in the same computer giving an eight camera system.

STORAGE
When an alarm is triggered HOBO stores the 10 images before the alarm (pre-alarm) and 10 images after the alarm (post-alarm) on the camera site PC. At the same time HOBO dials the monitoring site to show the operator the current situation so that the operator can take the necessary action. The operator can then review the 20 stored pictures to see what caused the alarm.

The operator can also turn storage for all received images on or off.

BUILT IN MOTION DETECTION
HOBO's built in indoor motion detection trigger allows HOBO to work without alarm inputs.

PRINT STORED PICTURES
Any stored picture can be printed to a computer printer (laser, bubble jet etc.) or faxed via the modem to any fax machine. This gets evidence and information distributed quickly.

DISPLAY and UPDATE RATE
Full screen or quad.
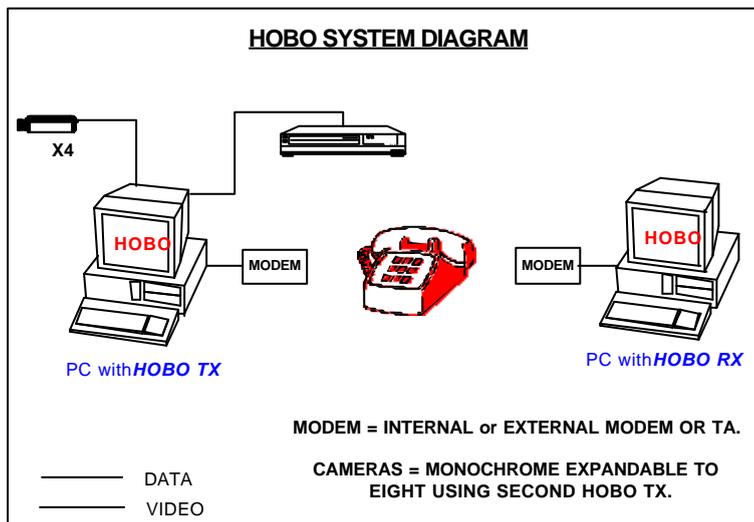Low resolution full screen update every 1 to 1.5 seconds on PSTN, faster on ISDN.
High resolution full screen update every 2.5 to 3.5 seconds on PSTN, faster on ISDN.

BENEFITS
♦ Computers that would normally be a target for criminals can now be utilised to protect the building and its contents.

♦ Ideal for schools and retail outlets.

♦ HOBO is PC based greatly reducing the cost of video transmission and alarm verification.

Hardware / Software	Requirements
PC Ram	8 MB or above
PC & Display	486 66Mhz or higher with VGA or SVGA. 256 Colour Pentium Recommended
PC Hard drive	850 MB or above for storing pictures.
PC Floppy drive	3.5" 1.44MB
PC Pointing device	MS mouse, touchscreen or Compatible pointing device
PC Parallel port	1 parallel port
PC RS232 Communications ports	1 mouse / Touchscreen port. 1 serial port for modem.
PC Graphical environment	MS Windows 3.0 or above, Windows 95, Windows 98
PC Operating system	MS DOS 6.0 or above
HOBO TX card	ISA slot card. 4 camera inputs, 1 video output. Phono connectors. 4 alarm inputs (can be N/O or N/C voltage free)
HOBO RX	Windows software. One receiver can connect to 50 different sites.

HOBO SYSTEM DIAGRAM

X4

HOBO   MODEM   MODEM   HOBO

PC with **HOBO TX**   PC with **HOBO RX**

MODEM = INTERNAL or EXTERNAL MODEM OR TA.

CAMERAS = MONOCHROME EXPANDABLE TO EIGHT USING SECOND HOBO TX.

———— DATA
———— VIDEO

HOBO is a
CCTV SOFTWARE
product