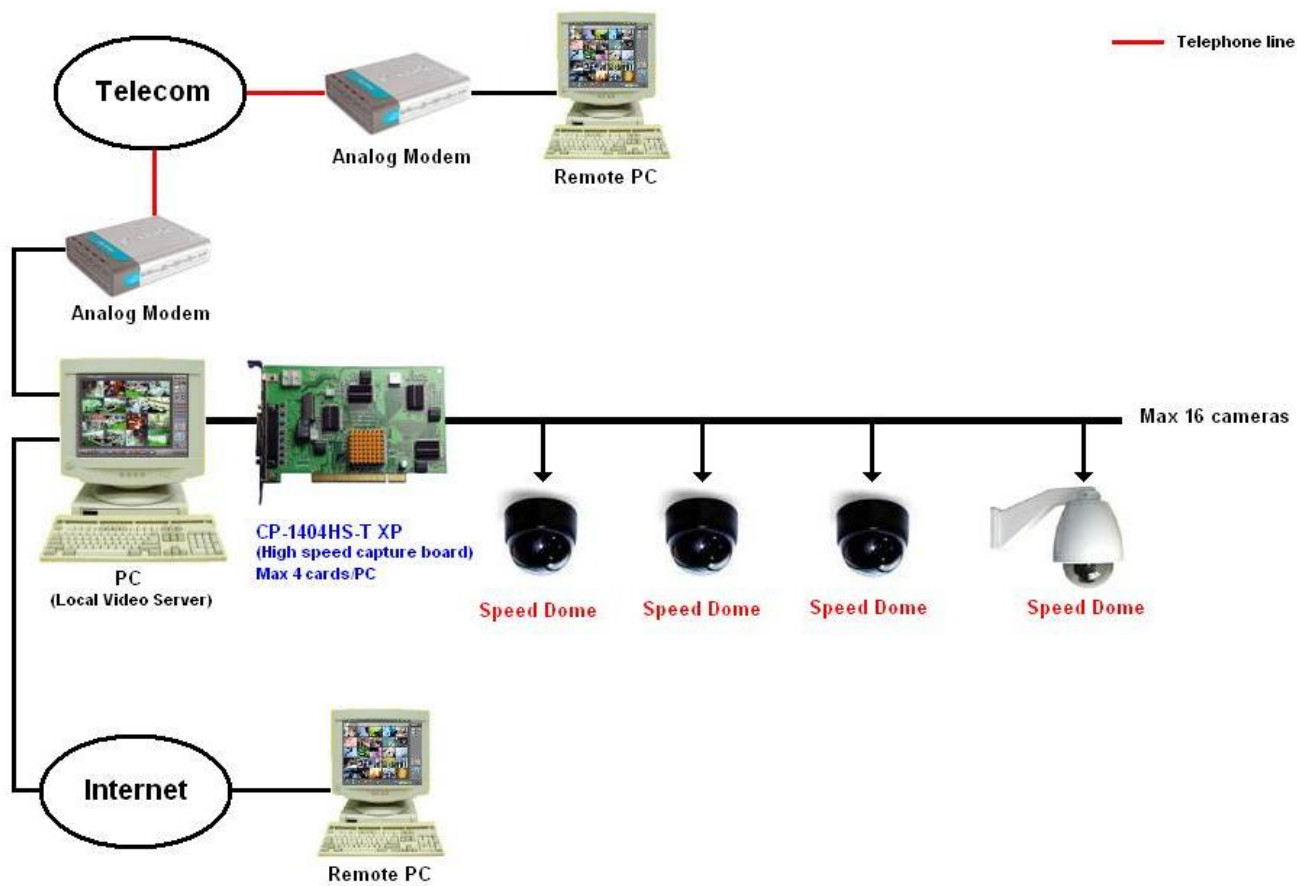


INTRODUCTION

- A powerful, user-friendly and low cost PC-based system.
- Installing it is as easy as plugging the cards into PCI slots.
- Display and record on a PC.
- Connect maximum up to 16 cameras.
- Remote video transmission can be via telephone line, LAN or internet.
- Automatically notify you whenever the alarm is triggered.
- You can simultaneously record, playback and archive images from all cameras in you existing CCTV system.



VOXCOM SDN BHD

Block A-3a-2 (Level 6), Menara Uncang Emas (UE3),
85, Jalan Loke Yew, 55200 Kuala Lumpur, Malaysia.
Tel: 603-92051808 Fax: 603-92052811 Email: sale@voxcom.com.my
<http://www.voxcom.com.my>

Key Features

- **Various Recording Modes:** Continuous, Alarm, Motion Detection, Instant and Scheduled recording modes can be used at up to 120 FPS/card.
- **Recording:** Recycles storage of video clips in multiple hard drives or records over oldest clip.
- **Compression:** Provides excellent MPEG 1, MPEG 4, Motion JPEG and Wavelet compression methods.
- **Multi-Screen Display:** Can be displayed with 1,4,6,8,9,12 and 16 channel division on screen.
- **Search:** Easy access to specific video clips by camera, date and time.
- **Software Motion Detection:** Adjustable zones with full sensitivity control.
- **Notification:** Recording begins when system is triggered. Notification can be sent to a phone or pager and live video can be launched on a remote PC through a phone line or the internet automatically.
- **Network Capability:** Support remote viewing, search and setup over PSTN lines, ISDN, LAN or Internet.
- **Passwords:** Multi-level password protection; only authorized users are allowed to access certain level.
- **Logging:** Will show records for user logins and motion detection.
- **Multi-Watch:** Enable user to monitor, record and control many sites via internet at the same time.
- **Remote Playback:** Play back the video recorded from the remote site via internet.
- **Video Loss:** System notifies user when video signal is loss due to abnormal conditions such as power failure.
- **Pre-Alarm:** Provide pre alarm function for motion detection recording.
- **Watermark:** The video clip can be adding the watermark to avoid counterfeit.
- **IE Browser:** Provide IE Browser function for Internet view.
- **Auto-reboot:** Under system failure by the OS, Application Software or Driver, the system will auto-reboot and re-begin recording within 3 minutes.
- **Recovery:** Under abnormal shutdown caused by power failure, the system will automatically recover the previous recording when power is returned.
- **Video Matrix:** Image from different cameras will alternate on your TV. When motion is detected on a camera, that image will immediately be displayed. (Optional)
- **IP Searching:** Provides a dynamic IP searching function, so you can link dynamic IP addresses to each other via Internet. (Optional)
- **P/T/Z or I/O Control:** Controls 32 external I/O modules, Speed Dome and P/T/Z cameras in 1.2KM by twisted pair cable. (Optional)



Item / Model	CP-400AS	CP-400HS
Interface	PCI Bus	
Max. Card on PC	4	
Video in	4	
Audio Recording	1 Channel (Via sound card)	
Resolution	640x480, 640x240, 352x240, 320x240	
Frame Size	1.5K – 3K Byte / Frame @ 320x240 resolution 2K – 4K Byte / Frame @ 640x480 resolution	
Operating System	Microsoft Windows 98 / ME / 2000 / XP	
Video System	NTSC or PAL	
Recording Rate* ¹ (Per card)	30 FPS @640x480	120FPS @640x480
Compression* ²	Wavelet, Motion JPEG, MPEG 4	
Panic Button	For emergency call	
Auto-reboot	Watchdog recovers system after system failure	
TV Out	Pop up or alternating image on TV (Optional)	
POS Text Insert	Insert POS text data into video clip (Optional)	
Temperature	Operating: 0-50°C (Non-Condensing) Storage: -10-60°C (Non-Condensing)	

System Requirements

Local Recording/Transmitter Server

- ✓ Operating system : Windows 98SE, ME, 2000 or XP.
- ✓ Pentium 4 1.5 Ghz CPU, 256MB RAM minimum.
- ✓ Intel Chipset is strongly recommended.
- ✓ 7200rpm Hard Drive speed or better.
- ✓ Cooling fan for hard drive is recommended.
- ✓ Minimum 800MB free hard drive space.
- ✓ 24bit (true-color) VGA card or better.
- ✓ Sound card and speaker required for sound alarm/effects.
- ✓ Microphone with 2Vp-p output required for audio recording.
- ✓ Available PCI slot for Digital Video Recorder Board.
- ✓ Modem speed 33.6K or better; external modem that supports Wave files is recommended.

Remote Client

- ✓ Desktop or Notebook PC with Pentium III 500 MHz CPU or better.
- ✓ Operating system: Windows 98SE, ME, 2000, XP.
- ✓ 128MB RAM minimum
- ✓ 800MB free hard drive space minimum.
- ✓ Sound card and speakers required for sound alarm/effects.
- ✓ 24-bit (true-color) VGA card or better.
- ✓ Modem speed 33.6K or better.

Witness Pro



FreeView Pro



PDAView



eMAP

