

Overall Feature

Dual monitor for optimal surveillance

Microsoft Windows application
Up to 16 video channels of monitoring
Up to D1 recording resolution
Synchronized video and audio
System log, event log and counting log viewer

Backup to hard disk, DVD, CD and network storage
Motion detection recording
Full screen display
PTZ control integration
I/O device integration

Management Software

- IP Video Surveillance Management System
- Hybrid Surveillance Management System
- Capture Card

● Major Feature

Smart Guard subsystem : smart detector for motion, object, signal lost, lose focus and camera occlusion

Adjustable recording quality and frame rate for each camera

Recording subsystem : easily configured recording schedule

Alarm to E-mail and telephone

Smart Guard System integrated by smart detector, alarm system and I/O device

Object counting application

System lock protection

● Playback System

Multiple channels playback simultaneously, up to 16 channels

Easy day and time selection for recorded video

Smart search functions for motion and objects

Export video to avi files

Save and print recorded video clips

Real-time video enhancement tools when playback

Remote playback

● Remote Live View

Connect to multiple servers

Build-in web server

Remote PTZ Control

User account protection

ActiveX view for Internet Explorer

Dual Monitor Function

Now, you can enjoy the optimal surveillance display upon your need right now. You can watch 64 channels on primary monitor as well as some highlight channels in Secondary monitor either live display or playback.



- Primary monitor for all channel live display and secondary monitor for the most important 1 CH, 4 CH or 16 CH live display.



- Primary monitor for some channels live display and secondary monitor for some channel playback.

Management Software


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• Main system / Smart Guard subsystem - Protect you environment on the spot


EVENT


- General Motion
- Camera Occlusion
- Foreign Object
- Missing Object
- Lose Focus


ACTION



On Screen Display


Play Sound


Send E-Mail


Phone Call


PTZ Preset Go


Signal Digital Output

Smart Guard Configuration


Event

- CAM01 Camera 1
 - General Motion
 - Signal Lost
 - Camera Occlusion
 - Foreign Object
 - Missing Object
 - Lose Focus
- CAM02 Camera 2
- CAM03 Camera 3
- CAM04 Camera 4
- Digital Input
- System
 - Disk Space Exhausted
 - System Health Unusual

Action

Action	Options
On Screen Display	
Play Sound	C:\Program Files\WUO\w...
Send E-Mail	kate
Phone Call	kate
PTZ Preset Go	CAM01 On:01 Off:01
Signal Digital Output	(card1)DO0 (Output 0)

Video Preview



Do you install a surveillance system only for playback and try to find out who put the bomb or stole your valuables ?

No , A smart surveillance system should alert you right after the event happen so that you can deal with the event in no time and prevent that accident happening and loss.

Smart detection for events

- General motion detection : when someone or something move into a forbidden area.
- Signal lost : when some one cut or loose the signal wire.
- Camera occlusion : when someone block or spray the camera lens.
- Foreign object : when someone put a bomb or obstacle in a clear space.
- Missing object : when the valuables and jewellery was moved out.
- Lose focus : when focus shift.
- Digital input : when smoke detector trigger or door opened when break in.
- Disk space exhausted
- System health unusual :
 - High CPU temperature
 - Low fan speed

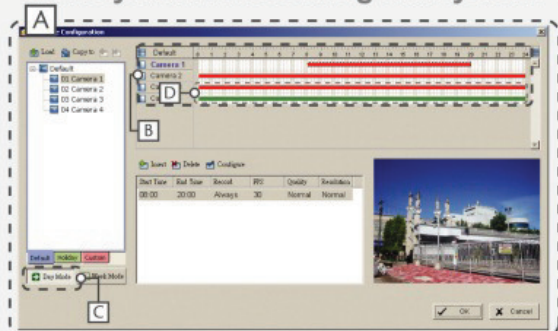
Instant action / Notification

- On screen display : To alert the administrator on the monitor.
- Play Sound : To alert the administrator by the speaker.
- Send email : To alert administrator and boss by email.
- Phone call : To alert administrator and boss by phone.
- PTZ preset go : The PTZ will turn to some specific angles and start recording as we set in advance.
- Signal digital out : To alert the administrator and more people by sirens.

Management Software

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• Main system / Recording subsystem - Most friendly GUI recording schedule



- A One page to set up recording schedule
- B Graphic bar for quick setting recording period
- C Day mode and week mode provided
- D Obvious distinguish between continuous recording and motion detection recording by color.



- E Video frame rate, quality and resolution adjustable
- F Preview recording result before final setting
- G Motion detection recording option

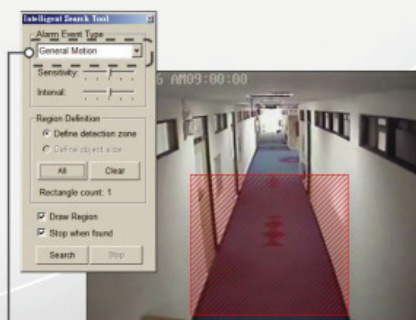
• Playback System - Easy to find video you want



- A Preview video to check what happened before you decide to playback any section.
- B Graphic bar for quick selection for any camera or any period to playback.
- C Search Video by date and time with GUI.

• Intelligent Search

Intelligent search can search various events in the recorded video



- A General motion search
- B Missing object search
- C Foreign object search
- D Lose focus search
- E Camera occlusion search

• Video Enhancement Tool - Get better video quality when you playback



• Before sharpening video



• After sharpening video