



USERS MANUAL  
PRINTED IN THE USA

GS-16CH264  
GS-8CH264  
GS-4CH264

## 16, 8, 4 CHANNEL H.264 DIGITAL VIDEO RECORDER



iPad



BlackBerry



### GOLDEN STATE INSTRUMENT COMPANY

3002 DOW AVE, SUITE #228, TUSTIN, CA 92780

<http://www.goldenstateinst.com>

PHONE: (714) 730-6889 EMAIL: SUPPORT@GOLDENSTATEINST.COM  
(714) 730-6885 SALES@GOLDENSTATEINST.COM  
(714) 730-6881  
(888) 808-0909

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	This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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**Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)**

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Notice: Ghosting or fractured images may occur on the screen when there is a suddenly surge or lightning stroke which cause damage on IC in the DVRs.

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## CHAPTER 1 MAIN MENU SETUP

To enter the main menu and set up DVR, log-in account and user password are required. The default password of the administrator is "123456". Please check the "Account Setup" for related setup of other log-in users.



Table 1-0.1 Some definition of virtual keyboard.

Item	Description
	Switch between capital and small letters.
	Switch between numbers and letters.
	Press to cancel the setup, and re-choose the login account.
	Delete the last character.
	Enter to identify the password. It will enter the set up menu, If the password is verified.
	Space key



**Table 1-0.2** The operation of remote control under the setting menu

Item	Description
◀ ▶	Switch to different options under one item
▲ ▼	Switch to different items
MENU	Save setup and back to LIVE mode
ESC	Back to Upper level of menu without saving
ENTER	Enter the menu, or display virtual keyboard

PS. The initialization of new-installed HD is required before recording, please refer to "UTILITY SETUP" for detail.

## 1-1 RECORD SETUP



Item	Description
HDD FULL	Select STOP to stop recording or OVERWRITE to reuse the HDD when HDD is full 「Stop」: Stop Recording 「Overwrite」: Start to overwrite that begin from the oldest data of HDD, and continue to record.
OSD position X	Setup OSD X axis
OSD position Y	Set up OSD y axis
OSD position setup	Set up OSD axis
Video Preservation	Setup the video preservation period. Recorded video will be deleted automatically after expiry of preservation period.
Quality & Frame Rate Setup	Setup the quality and frame rate for each channel under normal recording and event recording type.

Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.

## 1-1.1 Quality & Frame Rate Setup



Item	Description
Normal setup/ event setup	Select recording mode
Resolution	Select recording resolution: NTSC:360x240, 720x240, 720x480 PAL:352X288,704X288,704X576
Record Type	You can setup quality and FPS separately for record type.
No.	Check/uncheck the box enable/disable selected channel recording
Quality	Select quality: Below Basic/ Basic/ Normal/ High/ Highest
FPS	Select recording frame rate. (The number of sheets in accordance with the actual models)
Auto	Assign each channel with its maximum accessible fps

Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.

## 1-2 EVENT SETUP



Item	Description
Motion Setup	Enter to set up motion detection
Sensor Setup	Enter to set up sensor detection

### 1-2.1 MOTION SETUP

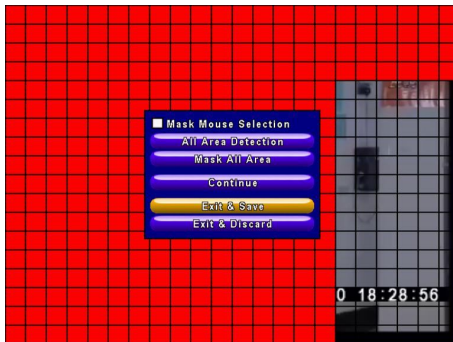


Item	Description
<b>Alarm Duration(Seconds)</b>	When motion detect , the number of seconds continuous alarm
<b>1~16</b>	You can setup independently for each channel.
<b>Enable</b>	Check the box to Enable/Disable motion detection for each channel.
<b>Sensitivity</b>	Drag the white bar or press ◀ ▶ to set up Sensitivity from a Value of 0 to 10 for each channel. The higher value you set t he more sensitive it will be.
<b>Motion Area Setup</b>	Enter to setup motion detection area

**Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.**

#### 1-2.1.1 MOTION AREA SETUP

The motion detection has been divided into 22x18 grids. The default detection area is full screen as it marked in transparent for local DVR and purple for remote access. Areas deselected for motion detection are marked in red for both local and remote site.



Item	Description
<b>Mask Mouse Selection</b>	Switch between "select" and "deselect" for cursor-dragging function
<b>All Area Detection</b>	Select entire screen as detection area.
<b>Mask All Area</b>	Deselect entire detection area.
<b>Continue</b>	Continue setup
<b>Exit &amp; Save</b>	Save setup and leave
<b>Exit &amp; Discard</b>	Cancel setup and leave

### 1-2.2 SENSOR SETUP

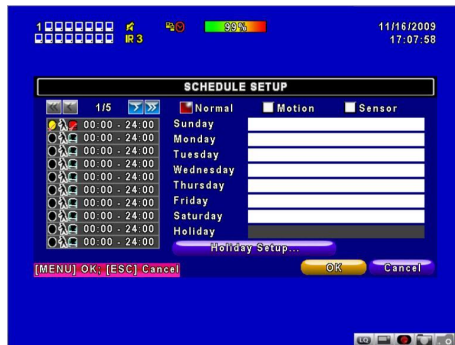


Item	Description
<b>Sensor Popup</b>	Check the box to Enable/Disable popup screen function for all channels. When Sensor is detected in LIVE mode, the detected channel image will pop up in full screen display.
<b>All Off</b>	Set all sensor off
<b>All Low</b>	Set all sensor polarity low
<b>All High</b>	Set all sensor polarity high
<b>Sensor Polarity</b>	Click or press ▼ to select between HIGH, LOW voltage for triggering sensor detection or OFF to turn off polarity for each channel  <b>Low</b> Polarity : Sensor has not been triggered. When connected, sensor will be turned on.. <b>High</b> Polarity : Sensor has been triggered. When connected, sensor status will be turned off.. <b>Off</b> : Sensor is deactivated, and will not be turned on/off.

**Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.**

### 1-3 SCHEDULE SETUP

Except from starting recording manually, you can also setup the recording time by weeks and schedule including normal, motion detect, and recording type.



Item	Description
Page	Each page provides 10 schedules for setup. 5 pages in total.
Holiday Setup	Enter to setup holiday, up to 50 days, other than weekends,.
View Event/ Motion/ Sensor Setup	View Normal/ Motion/Sensor

**Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.**

#### 1-3.1 Schedule Record Setup

Click on the time on the left side. The setup menu will be displayed. You can have detail setup by dates, Time and event.



### 1-3.2 Holiday Setup

Since holidays are different by different country and region, you can setup the holiday of your location accordingly.



### 1-4 CAMERA SETUP



Item	Description
1~16	You can setup independently for each channel.
Mask	Check the box to Enable/Disable mask function for LIVE mode
Sharpness	Drag the bar or press ◀ ▶ to adjust Sharpness of your camera from value 0 to 15.
Brightness	Drag the bar or press ◀ ▶ to adjust Brightness of your camera from value 1 to 255.
Contrast	Drag the bar or press ◀ ▶ to adjust Contrast of your camera from value 1 to 255.
Saturation	Drag the bar or press ◀ ▶ to adjust Saturation of your camera from value 1 to 255.
Name	Set up name of each channel
Volume	Audio volume under LIVE mode and recording mode can be adjusted.

**Note : 4CH DVR will display 4 channels and 8CH DVR will display 8 channels.**



### 1-5 ACCOUNT SETUP

The Account Setup menu is used to provide role-based permission independently setting for each user (maximum of 4 users) to access DVR over network. The default admin account and password is "admin" and "123456"

(The default password remains the same after firmware upgrade)



Item	Description
No.	Check to activate the user's account.
Username	Set up user name
Password	Set up a password for each user. Password is required to have 8 characters and can be a combination of letters and numbers and is case sensitive.
Permissions	Set up Permissions for each user
Change Admin Password	Change administrator's password
Picture	Change the user's picture

#### 1-5.1 Permission Setup

The Account Setup is set to provide individual user (maximum of 4 users) role-based permissions, including access to Setup menu, Network operation, PTZ function, Playback, Utility, Backup, Password expiry date and Mask on specific channels while playing back.



### 1-5.2 User Picture Setup

Users can upload a selected picture from a remote computer



### 1-6 NETWORKING SETUP



Item	Description
Connect type	Setup mode for network connection: (ADSL · DHCP · LAN · 3G).
HTTP Setup	Enter to set up HTTP
DDNS Setup	Enter to set up DDNS
Mail Setup	Enter to set up mail
3G Setup	Enter to set up 3G network

### 1-6.1 NETWORKING SETUP

There are three ways to connect to the network as followed.

#### 1-6.1.1 DHCP

When DHCP is selected, IP address will be assigned by DHCP server automatically.



#### 1-6.1.2 LAN

Select LAN to manually input the network settings



Item	Description
IP Address	Enter IP address provided by ISP
Subnet Mask	Enter IP address of Subnet Mask provided by ISP
Gateway	Enter IP address of Gate way provided by ISP
DNS	Enter DNS address provided by ISP. (Note: The correct DNS address must be entered for DDNS function).

#### 1-6.1.3 ADSL

Select ADSL for network connection, the following information is required.



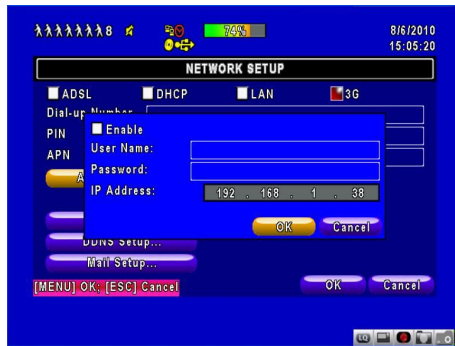
Item	Description
User Name	Enter user name provided by ISP
Password	Enter password provided by ISP

#### 1-6.1.4 3G

Select 3G for network connection, the following information is required.



Item	Description
Dial-up Number	Dial-up Number · Determined as the ISP
PIN	Enter SIM card password
APN	Enter "internet"
Advance Setting	The advanced settings (Taiwan ISP outside)



Item	Description
Enable	Enable advance setting
User Name	Enter ISP username
Password	Enter ISP password
IP Address	Enter the ISP provides a fixed IP address ° (if the client uses the Internet only need to enter a fixed IP)

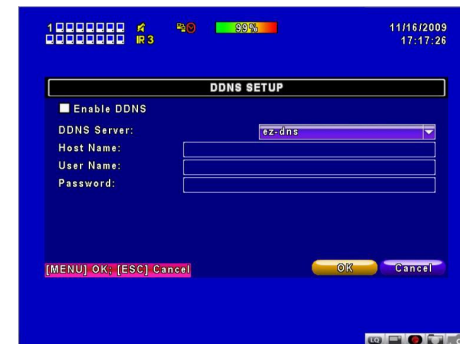
PS : This feature currently only supports the Huawei 3G card

### 1-6.2 HTTP Setup



Item	Description
Enable HTTP Server	Check to enable HTTP server. Users can remotely access into the DVR over the network if the HTTP function is activated.
Port	Enter a valid port value from 1 up to 65000. The default value is 80.
Auto	Assign each channel with its maxima accessible fps
No.	Channel number
Quality	Set up remote view quality( below basic, basic, normal, high, highest
FPS	Set up remote view FPS

### 1-6.3 DDNS Setup



Item	Description
Enable DDNS	Enable/disable DDNS function.
DDNS Server	Enter the registered DDNS Server: <b>ez-dns * · I-DVR.NET * · DYNDNS.ORG · NO-IP.ORG · 3322.ORG</b>
Host Name	Enter the completed registered SMTP Server. (Including username + Server) If the user name is h.264 and you choose i-dvr as your server, you should enter: <b>h.264.i-dvr.net</b>
User Name	Enter user name.
Password	Enter password.

\* For more detailed I-DVR.NET,ez-dns operation instruction,please refer to appendix



### 1-6.4 Mail Setup

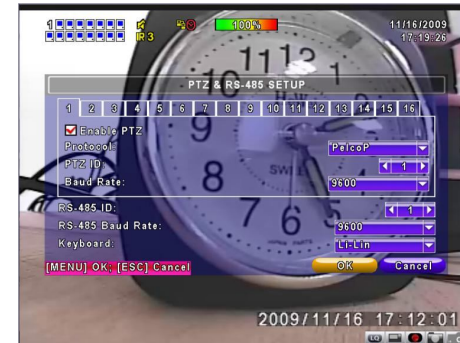
When an event occurs (VLOSS, MOTION), an email will be sent to the receiver's account automatically. If you select Motion, you will be emailed a snapshot of the event.



Item	Description
<b>Enable E-mail Notification</b>	Check the box to enable/disable E-mail Notification function.
<b>SMTP Server</b>	Enter to set up SMTP Server Address
<b>User Name</b>	Enter to set up User Name.
<b>Password</b>	Enter to set up Password.
<b>Sender E-mail</b>	Enter to set up e-mail address of receivers.
<b>Trigger Event</b>	Enter to select events to send out E-mail notifications when below circumstances happen: Motion, Sensor and Vloss (Video Loss).
<b>Receiver E-mail</b>	Enter to set up e-mail addresses for up to 10 receivers individually.

### 1-7 PTZ & RS485 SETUP

The DVR allows users to control PTZ functions of your camera. To enable PTZ function, the 485 cable should be connected to the RS-485 port of DVR.



Item	Description
<b>Enable PTZ</b>	Click the box to Enable/Disable PTZ function for each channel.
<b>Protocol</b>	Set up the protocol of PTZ cam. The supported protocols are <b>PELCO-P, PELCO-D, KND, LI-LIN, SAMSUNG, LG, AVTECH.</b>
<b>PTZ ID</b>	Click or press ◀ ▶ to set up PTZ ID. The valid ID value is from 1 to 64.
<b>Baud Rate</b>	Select Baud Rate for PTZ from 2400, 4800, 9600, 19200
<b>RS-485 ID</b>	Select RS-485 ID from 1 to 64
<b>RS-485 Baud Rate</b>	Select RS-485 Baud Rate from 2400, 4800, 9600, 19200
<b>Keyboard</b>	Select Keyboard.

**Note : 4CH DVR will display 4 channels. 8CH DVR will display 8 channels.**

## 1-8 SYSTEM SETUP



Item	Description
<b>DVR Name</b>	The name of DVR will be shown when users login from remote access.
<b>DVR Location</b>	The location of DVR will be shown when users login from remote access
<b>Language</b>	Click or press ▼ to select OSD language.
<b>Remote ID</b>	Default ID is 0. DVR is controlled by standard remote control,
<b>Display Setup</b>	Enter to set up Display
<b>Date/Time Setup</b>	Enter to set up Date/Time
<b>Device Setup</b>	Enter to set up Buzzer & Relay
<b>Spot Setup</b>	Enter to set up Spot

### 1-8.1 DISPLAY SETUP



Item	Description
<b>Auto-Seq Interval</b>	Set up duration time in seconds for the interval between channels under Auto-Seq mode.
<b>Show OSD</b>	Turn On / Off OSD display
<b>Show DVR Status</b>	Turn On / Off DVR illustration and record status display
<b>Show Date/Time</b>	Turn On / Off date and time display
<b>Show Channel Name</b>	Turn On / Off channel name display
<b>Border Color</b>	Set up the color of border in LIVE , PLAYBACK mode. ( Red, Green, Blue )

### 1-8.2 DATE/TIME SETUP



Item	Description
<b>Hour Format</b>	12HOURS/ 24HOURS
<b>Date Format</b>	MM-DD-YY/DD-MM-YY/YY-MM-DD
<b>Date/Time Position</b>	Choose the position of Time and Date display
<b>Change Date &amp; Time</b>	Setup time and date of DVR
<b>Time Zone Setup</b>	Set up GMT and Daylight Saving Time.
<b>Internet Time Setup</b>	Setup automatic synchronization with internet server

### 1-8.2.1 CHANGE DATE & TIME

Setup date and time of DVR manually according to user's local time.



### 1-8.2.2 TIME ZONE AND DAYLIGHT SAVING TIME SETUP

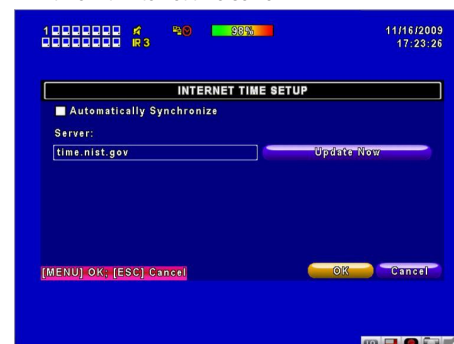
Set up time zone and activate Daylight Saving Time function according to user's DVR location.



Item	Description
Select Time Zone	Enter to modify GMT from GMT- 13 to GMT+ 13
Daylight Saving Time	Turn on/ off Daylight Saving Time

### 1-8.2.3 INTERNET TIME SETUP

Synchronize your DVR time with internet time server.



Item	Description
Automatic Synchronization	Check to enable DVR automatic synchronization function. Effective by this option selected, DVR will automatically synchronize the time upon rebooting or by every 24 hours after booting.
Update Now	Synchronize with the NTP server immediately

### 1-8.3 BUZZER & RELAY SETUP



Item	Description
Mouse Speed	Select the mouse cursor speed, the further to the right the faster the mouse will move
Buzzer & Relay Setup	Into the buzzer & relay setup.



Item	Description
Key Tone	Enable/Disable Audible button presses for remote and panel
Buzzer	Enable/Disable buzzer operation when the alarm is triggered for sensor, motion and vloss (Video Loss).
Relay	Enable/Disable the signal to be sent to the RELAY OUT blocks when the alarm is triggered for sensor, motion and vloss.

#### 1-8.4 SPOT SETUP



Main monitor output is enabled by default out of the BNC composite output and is selectable to be a Spot Monitor output

Item	Description
SPOT MODE	Channels display in spot for two different modes: Disable: The screen is same the main screen with VGA output, Enable: Spot Mode
Interval (Seconds)	The duration time in seconds for the interval between channels under SPOT mode.
Skip Video Loss Channel	Whether to skip channels without video signal.

#### 1-9 UTILITY SETUP



Item	Description
HDD Initialization	Select to enter hard disk initialization menu. <b>Please stop recording before entering this menu.</b> Enter the menu, system will show all the data (model, volume) of HDD that installed in DVR. Check the HDD you'd like to initialize then press "Start". HDD initialization is successful when the status shows "Succeed"
USB Initialization	Clean up all data on USB. Enter USB initialization and press YES to clean up all data on your USB. The initialization is done when it's showed "Succeed".
System Recovery	Restore DVR to factory Defaults
Reset System Events	Reset the event list
Copy Setup to USB	Copy configuration to a USB device. There will be a file named 「sdvr_conf.dat」 on your USB.
Download Setup from USB	Download configuration from a USB device into DVR.
Upgrade	Upgrade DVR through USB. Please stop recording and backup setup configuration before upgrading. <b>System will reboot automatically when the upgrade is completed.</b>

**Notice! DO NOT TURN OFF POWER OR UNPLUG USB DEVICE DURING THE UPGRADE as it may cause incomplete firmware upgrade and damage to the DVR.**



Item		Description
Version		The current firmware version of DVR
IP		The connected IP address of DVR. If disconnected from network, the screen will display "NETWORK DISCONNECT".
MAC		MAC Address of DVR
HDD Status	No.	HDD number
	Volume	HDD Capacity
	Used Rate	Percentage of space used on HDD.
	Status	Shows HDD status. <b>USING:</b> means the HDD is being used for recording now <b>GOOD/BAD:</b> means the HDD has a known/unknown format for the DVR. (Note: Please initialize your newly-installed HDD before using it.)
	Format Time	The latest format time of HDD

## 2-1 BACKUP SETUP

User can backup any segment of recorded data in a specified time frame. To do so, either a CD R/W or storage device, like USB, must be connected to the DVR. The format of backup file is *IRF* file that can be played by both "Ifileplay" and "CMS"

**\*:Use the USB flash backup, the system will automatically copy "Ifileplay" to the USB**



Item	Description
From	The start time of backup file
To	The end time of backup file
Device	Select CD/DVD, USB or PC as the backup device
Free Space	The available space in your backup device. (not available for PC backup)
Refresh	Recalculate the available space of backup device. (not available for PC backup)
Required Space	Show the size of the backup file
Calculate	Calculate the size of backup file
Start	Start backup operation. <b>Be sure to calculate the size of backup file BEFORE operating backup.</b>

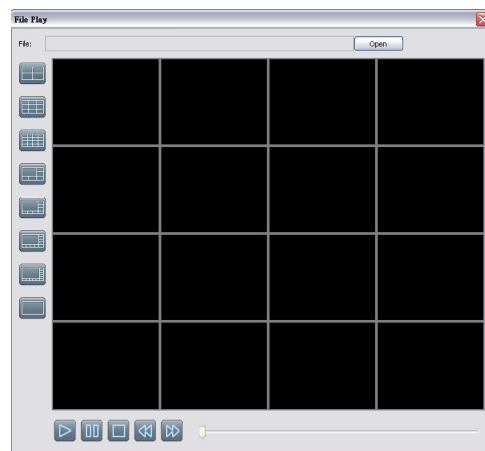
**Note! Do not unplug the USB device or turn off the DVR during the backup process to avoid unrecoverable error.**

## iFileplay Instructions

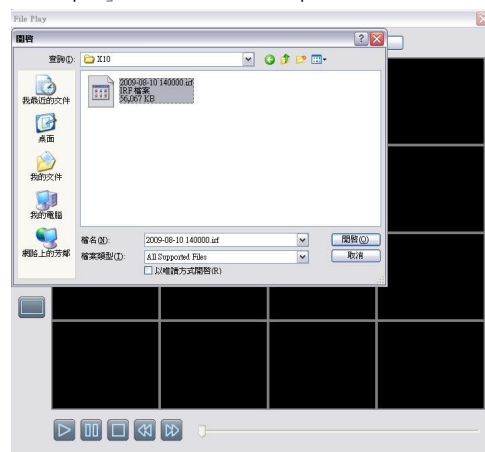
Step 1: install 「iFileplay」software to your PC. You can get 「iFileplay」file from the CD with DVR Contents

**PS: When you using USB to backup file, iFileplay.exe will copy to USB with the backup file automatically.**

Step 2 : Run 「ifileplaypack.exe」.



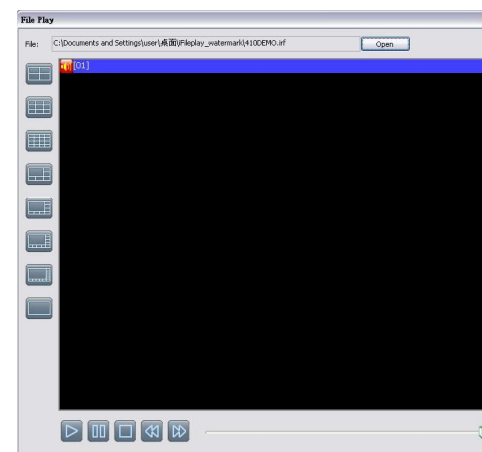
Step 3 : Click 「open」, select the DVR backup file .



Step 4 : Ifileplay software will play the irf file automatically.



Step 5 : If there is no display on the screen, the backed up file is not our DVR recording format. Please check it.






## 2-2 SEARCH SETUP



Item	Description
Event Search	Event search menu
Time Search	Enter time search menu

### 2-2.1 EVENT SEARCH



The DVR automatically records events with type, time and channel information included. If there is recording data for an event, a yellow signal  will be shown on the left side of time information. Rest your cursor under the line and press "enter", or left click your mouse to playback the recording data.

**P.S. Event Records will still be generated even when hard disk is not installed or the record function is not activated. However, the data can't be viewed after selecting it.**

Item	Description
Criteria	Setup conditions of event search
Page	Switch between pages of events
Date/Time	Date/time when event occurred.
Event Type	Event type, defined as following
	<b>MOTION</b> Motion Detected
	<b>Video Loss</b> Video Loss
	<b>Remote Login</b> user log-in over the network
	<b>Remote Logout</b> user log-out over the network
	<b>Power On</b> DVR Power on
	<b>HDD Full</b> HDD Space FULL
	<b>HDD Error</b> Detect HDD error
	<b>Reboot</b> DVR Reboot
Info	The channel where event occurs or login user

#### 2-2.1.1 CRITERIA SETUP FOR EVENT SEARCH

The amount of events can be numerous. Therefore, you can facilitate event sorting by setting up "criteria". Setup "start time" and "end time" for event search, then the search result will be limited to this specific period of time. Only checked events and channels will be sorted in event search.

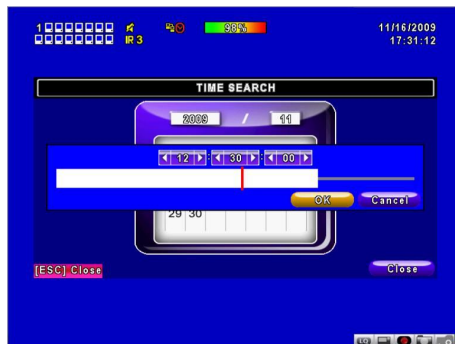


## 2-2.2 TIME SEARCH

TIME SEARCH can search for the specific time of recording data to playback. Press "Enter" or left click on the desired date to playback. Note that dates with recording data are marked with a red square "■". "System will start playing back according to the date you selected. Calendar will be shown by using mouse to click on "year" and "month".



Click "date" to display recorded time of that specific date with the time bar. You can change time (hour/minute/second) or click on a specific time of time bar by mouse then press "ok". DVR will playback the selected recorded data.



## CHAPTER 3 Remote Software Installation and Setup

### 3-1 Remote Software Installation and instruction

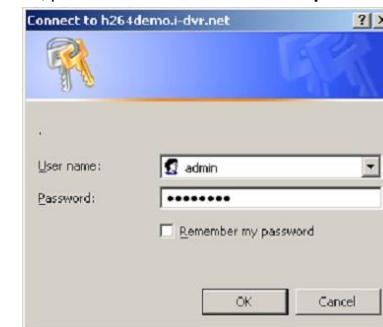
Remote software: 「DVR Remote Desktop」 can allow you to remotely access and control the DVR from a PC or Mac.

**p.s. Operation system currently supports Windows XP SP2(above) and Windows Vista, Windows 7, and Mac OSX 10.6 or above**

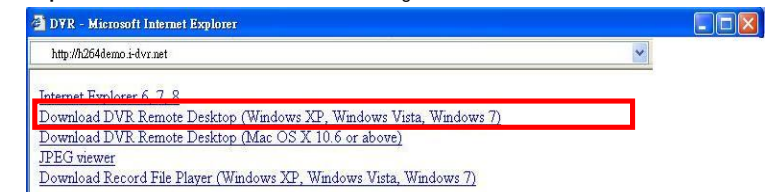
**Step One :** Enter the IP address of DVR in internet browser



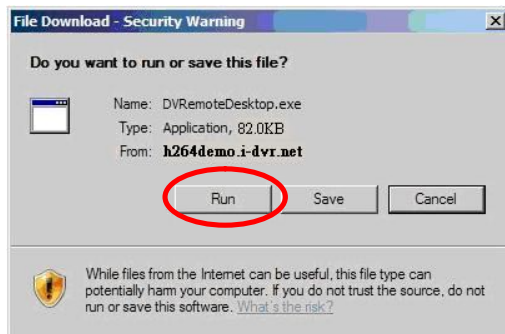
**Step Two:** Windows as below will show up. Please enter the user name and password. Default user name and password is **admin/123456**. Other related setup about user account and password, please check "4-5 Account Setup."



**Step Three:** Click on the link to start downloading the Remote software.



**Step Four:** Run or Save our remote software.



**Step Five:** If you choose to run the software, Start window will be shown up. Please enter information of login DVR: IP, Port, Username and Password, or choose "Play Recorded File" to open backup files in your PC.



**Step Six:** You've logged into the DVR

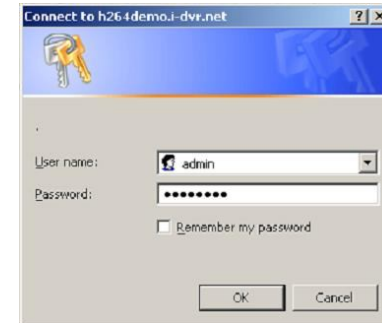


### 3-2 How to do remote monitoring through IE

**Step One :** Enter the IP address of DVR in IE browser. The address appeared in this image is only for demonstration. Actual address is depending on the setup of on-site DVR.

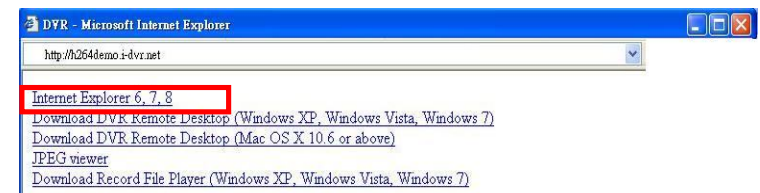


**Step Two:** Windows as below will show up. Please enter the user name and password. Default user name and password is **admin/123456**. Other related setup about user account and password, please check "4-5 Account Setup. " The user name and password appeared in this image is only for demonstration. Actual user name and password will depend on the setup of the on-site DVR.



**Step Three:** Click on "Internet Explorer 6, 7, and 8" to start downloading the software. ( The first option is for IE view, please refer to next chapter for more information)

**p.s. There will be IE connection security issue when clicking this link for the first time. Please refer to index II for Remote Monitoring IE ActiveX Control Installation Instruction.**

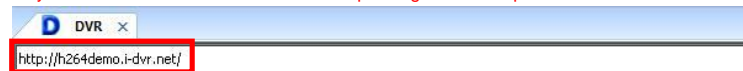


**Step Four:** DVR images appear.

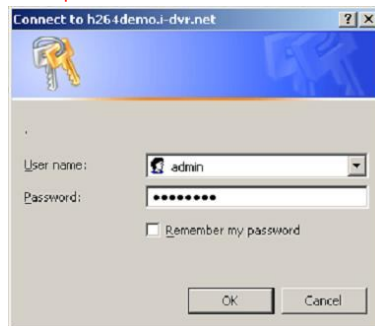


### 3-3 How to do remote monitoring through JPEG VIEWER(Only Monitor Function)

**Step One :** Enter the IP address of DVR in IE browser. The address appeared in this image is only for demonstration. Actual address is depending on the setup of on-site DVR.



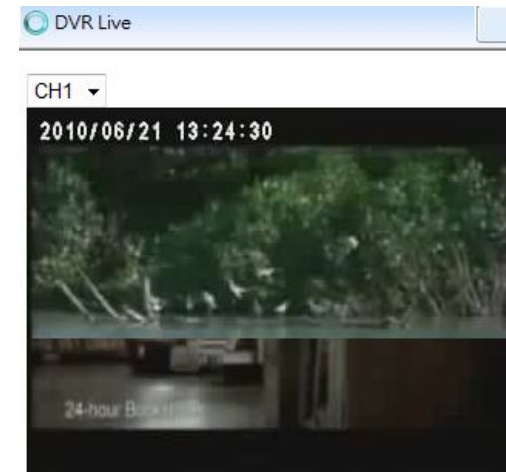
**Step Two:** Windows as below will show up. Please enter the user name and password. Default user name and password is **admin/123456**. Other related setup about user account and password, please check “4-5 Account Setup.” The user name and password appeared in this image is only for demonstration. Actual user name and password depend on the setup of on-site DVR.



**Step Three:** Click on “Jpeg Viewer”



**Step Four:** DVR images appear.



**PS :** Only for live viewing, no control functions.

### 3-4 Remote Software Operation

Open the file "DVRRemoteDesktop.exe"; enter the information of DVR "IP address", "Port" "Username" and "Password" and click "OK". You should be able to login DVR successfully and start to use the software. The default username and password is 「 admin/ 123456 」

"DVRRemoteDesktop.exe" Remote software provides some extra functions for remote users. Please check **Table 3-4.1** for minimum system requirements for "DVRRemoteDesktop.exe" operation.

**Table 3-4.1** System Requirements for AP software

CPU	Intel Pentium 4 above
OS	Microsoft Windows 7 、 Windows Vista 、 Windows XP SP2 above
RAM	512M above
VGA Card	Needed to support DirectX9.0c (Above) <b>Note 1</b>
Others	DirectX 9.0c or above

**Note 1:**

Known VGA card that support DirectX9.0 currently:

**NVIDIA:** Geforce FXseries, Geforce 6series, Geforce 7series, Geforce 8series, Geforce 9series, Geforce 200series, etc.  
Or

visit: [http://en.wikipedia.org/wiki/Comparison\\_of\\_Nvidia\\_graphics\\_processing\\_units](http://en.wikipedia.org/wiki/Comparison_of_Nvidia_graphics_processing_units)

**ATI:** Radeon R300series, Radeon R400series, Radeon R500series, Radeon R600series, Radeon R700series, Radeon HD 3xxx IGPseries, Mobility Radeonseries (9500 above), Mobility Radeon Xseries, Mobility Radeon HDseries, or FireGL Vseries etc.  
Or visit: [http://en.wikipedia.org/wiki/Comparison\\_of\\_ATI\\_graphics\\_processing\\_units](http://en.wikipedia.org/wiki/Comparison_of_ATI_graphics_processing_units)

**SIS:** SiS 67Xseries, or SiS 77Xseries etc.  
Or visit: [http://www.sis.com/support/support\\_compare.htm](http://www.sis.com/support/support_compare.htm)

**Intel:** 91Xseries, 94Xseries, 96Xseries, G3Xseries, or G4Xseries, etc.  
Or visit: [http://en.wikipedia.org/wiki/Intel\\_GMA](http://en.wikipedia.org/wiki/Intel_GMA)