

DIGITAL VIDEO RECORDER

QUICK START

Please read instructions thoroughly before operation and retain it for future reference.

1. SPECIAL NOTES

- Disclaimer

We reserve the right to revise or remove any content in this manual at any time. We do not warrant or assume any legal liability or responsibility for the accuracy, completeness, or usefulness of this manual. The content of this manual is subject to change without notice. For the actual display and operation, please refer to your DVR in hand.

- VGA Output Resolution Support

Model 1 and Model 2 have VGA interface built-in, and users are allowed to change the resolution depending on their display monitor.

Go to “ADVANCE” → “DISPLAY”, and move to “VGA OUTPUT” to select the VGA resolution you want. There are seven options as follows:

- 1) 800 x 600
- 2) 1024 x 768 (default)
- 3) 1280 x 1024
- 4) 1440 x 900
- 5) 1400 x 1050
- 6) 1680 x 1050
- 7) 1600 x 1200

Note: To have the best image quality on your LCD monitor, make sure (1) the selected DVR VGA output resolution is supported by your monitor, and (2) the VGA output settings on both the LCD monitor and DVR are consistent.

If the image is not positioned or scaled properly, please go to your monitor’s menu for adjustment. For details, please refer to the user manual of your LCD monitor.






- Power Supply

To ensure that your DVR works constantly and properly, it's recommended to use an UPS, Uninterruptible Power Supply, for continuously operation. (Optional)

2. FRONT AND REAR PANEL

2.1. Front Panel

- 1) LED Indicators

-  POWER : DVR is powered on.
-  HDD : HDD is reading or recording.
-  ALARM : An alarm is triggered (Selected models only).
-  TIMER : Timer recording is on.
-  PLAY : Under playback status.

- 2) MENU

Press to enter the main menu.

- 3) ENTER

Press to confirm the setting.

- 4) LIST

To quick search the recorded files by event, press to show the event list. Select one event, and press “ENTER” to playback the selected file.

5) PLAY

Press to play the recorded video.

6) SLOW


Under the playback mode, press to slowly playback the recorded file.

7) ZOOM

In the live or playback mode, press to enlarge the image of the selected channel.

8) SEQ

Press to activate the call monitor function, and press again to quit.

9) 

Press to show the four-channel display mode.

10) POWER

Press long enough to turn on/off your DVR.

Note: Under the recording mode, please stop recording before turning off your DVR.

Note: To ensure that your DVR works constantly and properly, it's recommended to use an UPS, Uninterruptible Power Supply, for continuously operation. (Optional)

11) 1~4

Press one of the buttons to select the channel to display.

12) ▲ (|| / +) / ▼ (■ / -) / ◀ (◀◀) / ▶ (▶▶)


Press one of these four buttons to move up/down/left/right.


Under the playback mode, press these buttons to pause (||) / stop (■) / fast rewind (▶▶) / fast forward (◀◀) the playback file.

Under the setting mode, press ▲ / ▼ to change the setting in the menu.

13) AUDIO (SLOW + ZOOM)

Press "SLOW" + "ZOOM" at the same time to select live or playback sounds of the audio channels.

14) PTZ (SEQ + ) (Selected models only)

Press "SEQ" + "" at the same time to enter / exit the PTZ control mode.

Adjust PTZ angle: Press ▲ / ▼ / ◀ / ▶ to turn up/down/left/right.

15) USB port

To quickly backup or upgrade firmware/OSD, you can insert a compatible USB flash drive into this USB port. Before using the USB flash drive, please use your PC to format the USB flash drive as "FAT32" first.

2.2. Rear Panel

1) VIDEO INPUT (1 ~ 4)

Connect to video sources, such as cameras.

Note: If you want to make a video backup with audio, please make sure whether your DVR supports the audio function, and connect audio cameras to the channels which support the audio function.

2) VIDEO OUTPUT

Connect to a CRT monitor for video output.

3) AUDIO IN (Select models only)

Connect to audio sources, such as cameras equipped with the audio function.

Please get to know whether your DVR supports the audio function, and how many audio inputs are supported first.

Note: Depending on the model you have, this DVR series supports **UP TO FOUR** audio-in channels, which are Audio 1, Audio 2, Audio 3 and Audio 4 accordingly, and the audio data will be recorded with the video data of CH1, CH2, CH3 and CH4 respectively.

For example, if your DVR supports two audio-in, its audio channels will be Audio 1 and Audio 2. When you playback CH1, you will also hear the audio recording of Audio 1.

4) AUDIO OUT (Selected models only)

Connect to an audio device, such as a microphone or speaker.

5) IR (Selected models only)

Connect the IR receiver for remote control.

6) EXTERNAL I/O (Selected models only)

Insert the supplied 9PIN DSUB to this port for connecting external devices (external alarm, PTZ camera, etc).

For detailed I/O port PIN configuration, please refer to "APPENDIX 1" in the user manual.

7) VGA (Selected models only)

Connect to a LCD monitor directly.

8) LAN (Selected models only)

Connect to Internet by LAN cable.

9) DC 19V

Connect to the supplied adapter.

3. CONNECTION AND SETUP

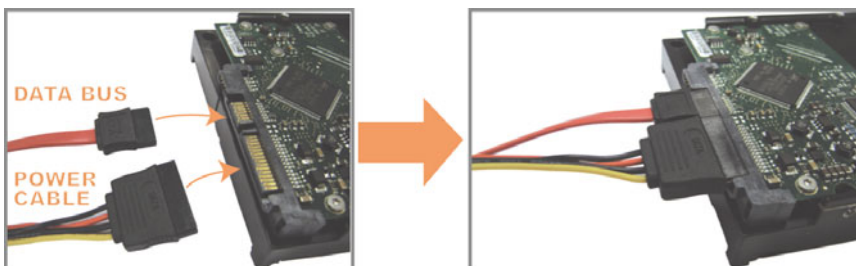
3.1. HDD Installation

The HDD must be installed before the DVR is turned on.

Step 1: Loosen the screws on the upper cover and remove it from the DVR. Find the two HDD brackets located on the DVR base as indicated below.



Step 2: Get a compatible HDD, and connect it to the power connector and data bus connector.

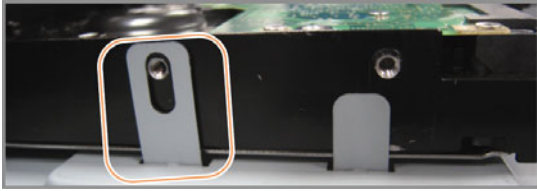


Step 3: Make sure the PCB side is facing up, and place the HDD between the HDD brackets on the DVR base as shown below.

Make sure the other side of the HDD is contacted with the DVR base for heat conduction.



Step 4: Align the screw hole on the each bracket with the screw hole on the each side of the HDD as shown below, and fix the HDD to the bracket with a HDD screw supplied.



Step 5: Close the upper cover of the DVR, and fasten all the screws you loosened in Step 1.

3.2. Camera Connection

The cameras must be connected and power-supplied. And then connect the camera video output to the DVR video input port with a coaxial cable or RCA lines with BNC connectors. The DVR will automatically detect the video system of the connected camera(s) (NTSC / PAL), and switch itself to the correct system.

1) Power connection

Connect the camera with indicated power supply.

2) Video cable connection

Connect the camera video output to the DVR video input port with a coaxial cable or RCA line with BNC connector.

3) Audio cable connection (Selected models only)

Connect the camera audio output to the DVR audio input port with a coaxial cable or RCA line with BNC connector.

4) Camera Setup (PTZ cameras only)

For detailed camera title, ID, protocol and baud rate setup, please refer to “5.5. REMOTE” in the user manual.

3.3. Optional Peripheral Connection (Selected models only)

Depending on the DVR model you have, this DVR series may support to connect other peripherals. For detailed connection, please refer to their own user manuals.

3.4. Power Setup

This device should be operated only with the type of power source indicated on the manufacturer’s label. Connect the indicated AC power cord to the power adapter, and plug into an electrical outlet. The power LED will be on. It takes approximately 10 to 15 seconds to boot the system.

Note: To ensure that your DVR works constantly and properly, it’s recommended to use an UPS, Uninterruptible Power Supply, for continuously operation. (Optional)

3.5. Date and Time Setting

Before operating your DVR, please set the date and time on your DVR first.

Press “MENU” and enter the password to go to the menu list. The default admin password is 0000. Move to “DATE” and you can set the date / time / daylight saving in the “DATE” menu list.

Note: Please DO NOT change the date or time of your DVR after the recording function is activated. Otherwise, the recorded data will be disordered and you will not be able to find the recorded file to backup by time search. If users change the date or time accidentally when the recording function is activated, it's recommended to clear all HDD data, and start recording again.

Note: For the first time to use the DVR, please charge the DVR for at least 48 hours continuously after the date & time is set correctly.

3.6. Password Setting

Press "MENU" and enter the password to go to the menu list. Then, Move to "ADVANCE" to enter the advanced setting menu.

In the "ADVANCE" menu, move to "SYSTEM INFO". Select "PASSWORD" and press "ENTER" to enter the submenu to set the password (four digits). The default admin password is 0000.

3.7. Record Setting

By defaults, the record function is activated when the DVR is powered on and a camera is connected.

To change the record settings, Press "MENU" and enter the password to go to the menu list. Then, Move to "RECORD" to enter the advanced setting menu.

For details, please refer to "5.2. RECORD" in the user manual.

4. BASIC OPERATION

4.1 Live Page

Depending on the DVR you have, you may see the following live view screen with status icons.




Icon	Function	Icon	Function	Icon	Function	Icon	Function
	Key lock		Key unlock		1 st live audio channel		2 nd live audio channel
	3 rd live audio channel		4 th live audio channel		1 st playback audio channel		2 nd playback audio channel
	3 rd playback audio channel		4 th playback audio channel		Audio channel unselected		Digital zoom mode
	Digital zoom unselected		HDD overwrite		Timer recording		Motion
	Recording		Alarm (Selected models only)				



4.2. Recording

When the recording and the pre-alarm function are activated, this device will overwrite 8GB data from the oldest for continuous recording without notice.

1) Manual Recording Icon

By defaults, when the DVR is properly connected with cameras and the HDD is installed, you can see “” (recording) on the screen.

2) Event Recording Icon

When the motion / alarm detection is activated, once motion or external alarm happens, you will see “” (motion) or “” (external alarm) on the screen.

3) Timer Recording Icon

When the timer record is activated, you will see the LED light of “Timer” is on, and “” (timer) on the screen.

4.3. Playback

Press “PLAY” on the DVR control panel, and the device will playback the latest recorded video.

Note: There must be at least 8192 images of recorded data for playback to work properly. If not, the device will stop playback. For example, if the IPS is set to 30, the recording time should be at least 273 seconds (8192 images / 30 IPS) for the playback to work properly.

1) Fast Forward / Fast Rewind

You can increase the speed for fast forward and rewind on this device. In the playback mode:

Press “▶▶” once to get 4X speed forward and press twice to get 8X speed, etc. And the maximum speed is 32X.

Press “◀◀” once to get 4X speed rewind and press twice to get 8X speed, etc. And the maximum speed is 32X.

Note: During playback, the image size of the recorded data (FRAME, FIELD or CIF) will be shown on the screen.

2) Pause / Image Jog

Press “||” to pause the playback.

In the pause mode:

Press “▶” once to get one frame forward.

Press “◀” once to get one frame rewind.


3) Stop

Press “■” under the playback mode, and the screen of this device will return to live monitoring mode.

4) Slow Playback

Press “SLOW” to get 1/4X speed playback and press twice to get 1/8X speed playback.

5) Audio Playback (Selected models only)

Press “SEQ” + “” to select the live or playback sound of the audio channels.



Live audio of the 1st audio channel



Playback audio of the 1st audio channel



Live audio of the 2nd audio channel



Playback audio of the 2nd audio channel



Live audio of the 3rd audio channel



Playback audio of the 3rd audio channel



Live audio of the 4th audio channel



Playback audio of the 4th audio channel



The audio channel is not selected.

Note: Depending on the model you have, this DVR series supports **UP TO FOUR** audio-in channels, which are Audio 1, Audio 2, Audio 3 and Audio 4 accordingly, and the audio data will be recorded with the video data of CH1, CH2, CH3 and CH4 respectively.

For example, if your DVR supports two audio-in, its audio channels will be Audio 1 and Audio 2. When you playback CH1, you will also hear the audio recording of Audio 1.

4.4. Search

1) Full Event Search

Press “LIST” to show the recorded files by event. Choose the item you want to see, and press “ENTER” to start playback.

2) Search by Time

Press “MENU” to enter the menu list, and go to “ADVANCE” → “EVENT LOG”. Move to “QUICK SEARCH”, and press “ENTER” to enter the quick time search menu. You can search any specific events by time (Year / Month / Day / Hour / Min) and directly play the file you find.

4.5. Firmware / OSD Upgrade

1) By using USB flash drive

Step 1. Format the USB memory device as FAT32 format first.

Step 2. Get the upgrade files from your distributor and save the upgrade files in your USB flash device (do not change the file name).



Step 3. Insert the USB flash drive into the DVR USB port.

Step 4. Move to “ADVANCE” → “SYSTEM INFO”, and move to “UPGRADE”. Press “ENTER”.

Step 5. Select “YES”, and press “ENTER” again to confirm upgrade.

2) By using the supplied software “Video Viewer”

Step 1. Save the upgrade files at your PC (do not change the file name), and log into Video Viewer.

Step 2. Click “” (Miscellaneous Control) to show the miscellaneous control panel. In the miscellaneous control panel, click “” (Tools) on the miscellaneous control panel to enter the upgrade window.

Step 3. Enter the user name, password, IP address and port number of the DVR.

Step 4. Click “Firmware” or “Language” tab as needed, and click “Add” to select the firmware or OSD files to upgrade.

Step 5. Click “Update Firmware” or “Update Language” button to start the upgrade.

數位錄放影機

快速使用指南

在使用本機前請務必詳細閱讀安全須知及操作說明，並保存此手冊以備後續參考。

1. 注意事項

- 免責聲明

本公司保留可隨時修改或刪除說明書內容的任何權利。本公司不保證此說明書的內容完全無誤、完整或實用性。此說明書內容更改以實際產品為準，將不另行通知。產品畫面顯示與操作請以實機為主。

- VGA 輸出解析度支援

型號 1 和型號 2 有內建 VGA 介面，使用者可以視其螢幕類型選擇適合的解析度。

進入“進階”→“顯示設定”，然後移到“VGA 輸出”選取想要的 VGA 解析度。解析度選項共有七種如下：

- 1) 800 x 600
- 2) 1024 x 768 (預設值)
- 3) 1280 x 1024
- 4) 1440 x 900
- 5) 1400 x 1050
- 6) 1680 x 1050
- 7) 1600 x 1200

註：若要讓 LCD 螢幕擁有最佳影像品質，請確認 (1) 您的螢幕有支援選取的 DVR VGA 輸出解析度，以及 (2) 螢幕和 DVR 的 VGA 輸出設定是相符的。

若螢幕影像位置未置中與比例不對，請進入螢幕本身的目錄做調整。詳情請參閱螢幕的使用說明書。






- 電源供應

為確保 DVR 可以持續正確運作，建議可視需要加上 UPS (不斷電系統) 較能保護好您的設備持續運作。(選購)

2. 前面板與背板

2.1. 前面板

- 1) LED 顯示燈

-  POWER : DVR 已開機。
-  HDD : 硬碟正在讀取資料或錄影中。
-  ALARM : 已觸發警報 (僅供特定型號)。
-  TIMER : 已啟動預約錄影。
-  PLAY : DVR 處於回放模式下。

- 2) MENU (目錄選單)

按此按鍵可進入 / 跳出快速選單。

- 3) ENTER (輸入)

按下此按鍵確認設定。

- 4) LIST (事件清單搜尋)

快速藉由事件清單尋找錄影檔案，
按此按鍵顯示各種類型的事件清單，並回放選取檔案。

- 5) PLAY (播放)

按此按鍵可回放錄影影片。

- 6) SLOW (慢速回放)

在回放模式中，按此按鍵慢速回放錄影檔案。

7) ZOOM (數位變焦)

按此按鍵將選取頻道的影像數位放大。

8) SEQ

按“SEQ”鍵後，DVR 就會進入單一頻道跳台模式。再按一次即可退出跳台模式。

9) 田

按此鍵可顯示 4 分割頻道顯示模式。

10) POWER (電源)

按住“POWER”按鍵直到啓動/關閉 DVR。

註：錄影模式下，在關掉 DVR 之前，請先停止錄影。

註：為確保 DVR 可以持續正確運作，建議可視需要加上 UPS (不斷電系統) 較能保護好您的設備持續運作。(選購)

11) 1~4

按其中一個按鍵來顯示該頻道畫面。

12) ▲ (II / +) / ▼ (■ / -) / ◀ (◀◀) / ▶ (▶▶)

按這四個按鍵 ▲ / ▼ / ◀ / ▶ 可移動游標上 / 下 / 左 / 右。

在回放模式下，按這四個按鍵來暫停 (II) / 停止 (■) / 快轉 (▶▶) / 倒帶 (◀◀) 回放影片。

在設定模式下，按 ▲ / ▼ 變更設定。

13) AUDIO (SLOW + ZOOM)

使用“SLOW”+“ZOOM”選擇聲音頻道的即時或回放聲音。

14) PTZ (SEQ + 田) (僅供特定型號)

同時按住“SEQ”+“田”，可進入/跳出 PTZ 控制模式。

調整 PTZ 角度：按 ▲ / ▼ / ◀ / ▶ 上 / 下 / 左 / 右移動。

15) USB 埠

快速備份或升級韌體 / OSD。在使用 USB 隨身碟之前，請先將 USB 隨身碟格式化成“FAT32”。

2.2. 背板

1) VIDEO INPUT (1 ~ 4)

連接到影像來源，如攝影機。

註：若要同時備份影像與聲音，請先確認 DVR 是否有支接收音功能，以及內建麥克風的攝影機是否有正確插入支接收音的頻道。

2) VIDEO OUTPUT

連接 CRT 螢幕之用。

3) AUDIO IN (僅限特定型號)

連接到聲音來源，如支接收音功能的攝影機。

請先確認 DVR 是否有支接收音功能，以及哪幾個頻道有支接收音。

註：依各型號而定，此系列 DVR 最多可有四個頻道支接收音功能，分別為 Audio 1、Audio 2、Audio 3 和 Audio 4，而且聲音資料會分別與 CH1、CH2、CH3 和 CH4 的影像資料錄在一起。

舉例來說，若 DVR 只支援兩個音源輸入孔，其音源頻道即為 Audio 1 和 Audio 2。當您回放 CH1 的資料時，也會同時聽見 Audio 1 的錄音。

4) AUDIO OUT (僅限特定型號)

連接到麥克風或擴音器。

5) IR (僅限特定型號)

IR 遙控器接收線插孔。IR 遙控器接收線為選購配備。

6) EXTERNAL I/O (僅限特定型號)

插入產品包裝隨附的 9 PIN DSUB 轉接頭，以連接外部設備 (例如警報感應器、PTZ 攝影機等等)。

詳細的 I/O 埠的 PIN 解說，請參閱使用說明書的“附錄 1”。

7) VGA (僅限特定型號)

直接連接至 LCD 螢幕以輸出影像。

8) LAN (僅限特定型號)

以網路線來連上網際網路。

9) DC 19V

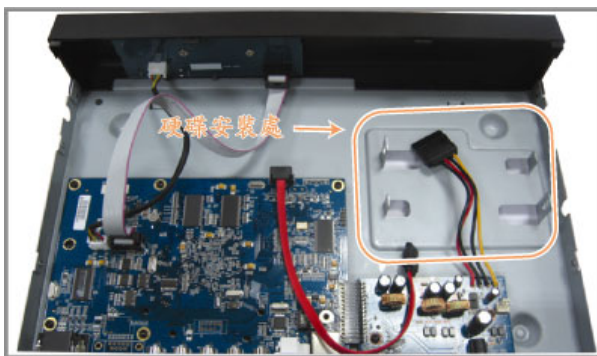
連接到電源變壓器 (包裝盒內附)。

3. 連接與設定

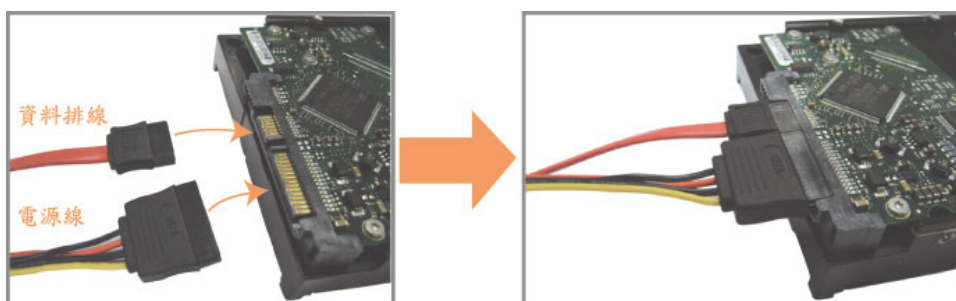
3.1. 硬碟安裝

在 DVR 開機之前，請務必先安裝好 SATA 硬碟。

步驟1：鬆開 DVR 上蓋的螺絲，然後打開 DVR 上蓋。如下所示，找到 DVR 內的硬碟支架。



步驟2：將相容硬碟連接到電源接頭和資料排線接頭。



步驟3：將硬碟的 PCB 面朝上，然後再將硬碟放到支架中間，如下所示。

確認硬碟另一面有接觸到 DVR 底座，以確保散熱無虞。



步驟4：將硬碟兩側的螺絲孔對準支架的螺絲孔 (如下所示)，然後使用隨附螺絲將硬碟鎖在支架上。



步驟5：裝回 DVR 上蓋，然後鎖回在步驟 1 鬆開的所有螺絲。

3.2. 連接攝影機

攝影機必須已經先安裝好並接好電源。之後，再用同軸電纜或接好 BNC 接頭的 RCA 線，連接攝影機和 DVR 的影像插孔。DVR 將會自動偵探連接攝影機的影像系統 (NTSC / PAL)，並自動切換到正確的系統。

1) 連接電源

使用指定的電源供應器連接攝影機。

2) 連接影像線

用同軸電纜或接好 BNC 接頭的 RCA 線，連接攝影機和 DVR 的影像插孔。

3) 連接音源線 (僅限特定型號)

用同軸電纜或接好 BNC 接頭的 RCA 線，連接攝影機和 DVR 的音源插孔。

4) 攝影機設定 (限 PTZ 攝影機)

如需得知如何設定攝影機名稱、ID、通訊協定和鮑率，請參閱使用說明書的“5.5.遠端設備”。

3.3. 連接選購設備 (僅限特定型號)

視各 DVR 型號而定，此系列的 DVR 還支援連接到其他選購設備。相關連接細節請參閱其各自的使用說明書。

3.4. 電源設定

此設備操作必須使用製造者所標示的電源供應器類型。將指定的 AC 電源線接到變壓器，並將電源插頭插入電源插座。電源 LED 顯示燈會亮。大約需要 10 到 15 秒來啟動系統。

註：為確保 DVR 可以持續正確運作，建議可視需要加上 UPS (不斷電系統) 較能保護好您的設備持續運作。(選購)

3.5. 日期與時間設定

在操作 DVR 之前，請先設定 DVR 的日期與時間。

按“MENU”按鍵並輸入密碼，即可進入快速選單。預設的 admin 密碼為 0000。移到“日期設定”，就可以在此功能清單中設定日期 / 時間 / 日光節約。

註：請勿在錄影時修改日期和時間；否則，錄影資料會錯亂，而且無法依時間來搜尋想要備份的資料。若修改了日期和時間，建議先將硬碟資料清除後再重新錄影，以免造成錄影時間錯亂。

註：若為初次使用 DVR，請在設定好日期與時間後，將 DVR 連續上電至少 48 小時。

3.6. 密碼設定

按“MENU”按鍵並輸入密碼，即可進入快速選單。移到“進階”，即可進入進階選單。

在“進階”目錄選單中，移到“系統資訊”。選取“密碼”，然後按“ENTER”按鈕進入子目錄選單即可設定密碼 (四碼)。預設的 admin 密碼為 0000。

3.7. 錄影設定

依據預設，當 DVR 開機並接妥攝影機時，錄影功能就會啟動。

若要變更錄影設定，請按“MENU”按鍵並輸入密碼進入快速選單。移到“錄影設定”進入進階設定選單。

詳情請參閱使用說明書的“5.2.RECORD”。

4. 基本操作

4.1 即時畫面

視各 DVR 機種而定，即時畫面可能會出現以下狀態圖示。



圖示	功能	圖示	功能	圖示	功能	圖示	功能
	按鍵鎖		按鍵解鎖		第一個聲音頻道的即時聲音		第二個聲音頻道的即時聲音
	第三個聲音頻道的即時聲音		第四個聲音頻道的即時聲音		第一個聲音頻道的回放聲音		第二個聲音頻道的回放聲音
	第三個聲音頻道的回放聲音		第四個聲音頻道的回放聲音		未選取任何聲音頻道		數位變焦模式
	未選取數位變焦模式		硬碟覆寫		預約錄影		位移偵測
	錄影中		警報 (僅限特定型號)				

4.2. 錄影

當錄影和警報前錄影的功能啓動且硬碟已滿時，本裝置會自動從最舊的資料開始覆寫 8GB 的錄影資料，讓錄影能持續進行，不另行通知。

1) 持續錄影圖示

依據預設，當 DVR 與攝影機正確的連接，並有安裝硬碟時，就會出現 “” (錄影中) 的符號。

2) 事件錄影圖示

當位移偵測 / 警報偵測被觸發時，就會出現 “” (位移偵測) 或 “” (外接警報) 圖示。

3) 預約錄影圖示

當預約錄影啓動時，“TIMER” LED 指示燈會亮起，並出現 “” (預約錄影) 圖示。

4.3. 影像回放

按 DVR 控制面板上的“PLAY”後，DVR 就會開始回放最後一筆的錄影資料。

註：若要能正常回放錄影檔案，請至少必須錄超過 8192 張畫面。如果您尚未錄滿 8192 畫面就進行回放動作，DVR 將會停止回放。例如，如果您將 IPS 設為 30，若要正常回放檔案，則錄影時間至少必須超過 273 秒 (8192 張影像 / 30 IPS)。

1) 快轉 / 倒轉

您可以加快 DVR 快轉與倒轉的速度。在回放模式下：

按“▶▶”按鍵一次，DVR 會以 4 倍的速度回放快轉畫面，按兩次，DVR 會以 8 倍的速度 ... 以此類推。

按“◀◀”按鍵一次，DVR 會以 4 倍的速度回放倒轉畫面，按兩次，DVR 會以 8 倍的速度 ... 以此類推。

註：在回放影像時，螢幕會顯示錄影的影像大小 (FRAME、FIELD 或 CIF)。

2) 暫停 / 影像格放

按“||”按鍵暫停回放。

在暫停回放的模式下：

按“▶”按鍵一次，可以格放前進一張圖框影像。

按“◀”按鍵一次，可以格放倒退一張圖框影像。

3) 停止

在回放模式下，按“■”按鍵，DVR 的螢幕會回到即時監控模式。

4) 慢速回放

在回放模式下，按一下“SLOW”按鍵可以 1/4X 速度慢速回放錄影影片，按兩下可以 1/8X 速度慢速回放。

5) 聲音頻道回放 (僅限特定型號)

按“SEQ”+“田”選擇聲音頻道的即時或回放聲音。



第一個聲音頻道的即時聲音



第一個聲音頻道的回放聲音



第二個聲音頻道的即時聲音



第二個聲音頻道的回放聲音



第三個聲音頻道的即時聲音



第三個聲音頻道的回放聲音



第四個聲音頻道的即時聲音



第四個聲音頻道的回放聲音



聲音頻道未被選取

註：依各型號而定，此系列 DVR 最多可有四個頻道支援收音功能，分別為 Audio 1、Audio 2、Audio 3 和 Audio 4，而且聲音資料會分別與 CH1、CH2、CH3 和 CH4 的影像資料錄在一起。
舉例來說，若 DVR 只支援兩個音源輸入孔，其音源頻道即為 Audio 1 和 Audio 2。當您回放 CH1 的資料時，也會同時聽見 Audio 1 的錄音。

4.4. 搜尋

1) 依清單搜尋

按 DVR 正面板上的“LIST”按鍵顯示各類型錄影檔案的清單。選擇欲觀看的項目，然後按“ENTER”按鍵開始回放。

2) 依時間搜尋

按“MENU”進入快速選單，然後到“進階”→“事件記錄”。移至“快速搜尋”，然後按“ENTER”進入快速搜尋選單。您可以依時間搜尋特定事件 (年 / 月 / 日 / 時 / 分) 並直接回放搜尋到的檔案。

4.5. 韌體 / OSD 升級

1) 使用 USB 隨身碟進行升級

步驟 1：先將 USB 隨身碟格式化 FAT32 的格式。

步驟 2：從您的經銷商取得升級的檔案，並將升級檔案存放在您的 USB 隨身碟中 (請勿變更檔名)。

步驟 3：將 USB 隨身碟插入 USB 埠，待 DVR 偵測您的裝置。

步驟 4：按“MENU”、移至“進階”→“系統資訊”，然後移至“升級”，再按“ENTER”確認。

步驟 5：選擇“是”，並再按“ENTER”按鍵確認進行升級。

2) 使用隨附軟體 Video Viewer 進行升級

步驟 1：將升級檔案存放至您的電腦 (請勿變更檔名)，然後登入 Video Viewer。

步驟 2：按  按鈕顯示其他功能控制面板。在此控制面板中，按  進入 Video Viewer 升級視窗。

步驟 3：輸入 DVR 的使用者名稱、密碼、IP 位址與埠號。

步驟 4：視要升級的檔案按“韌體”、“語言”或“開機畫面”標籤，然後按“新增”選擇所提供的韌體或 OSD 檔案來升級。

步驟 5：按“升級韌體”或“升級語言”按鈕開始升級。