

Thank you for purchasing our product. Please read this User Manual before using the product.



CCT715 4-Way Digital Video Recorder

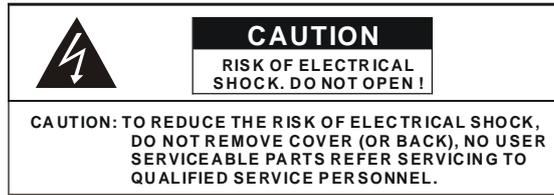
User's Manual

Tip! If you have a problem setting up the CCT715 our top trouble shooting tips are listed at the rear of these instructions;

Version V6



Safety Precautions



This label may appear on the bottom of the unit due to space limitations.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insulated dangerous voltage within the product's enclosure that may be sufficient magnitude to constitute risk of electrical shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE UNITS NOT SPECIFICALLY DESIGNED FOR OUTDOOR USE TO RAIN OR MOISTURE.



Attention: installation should be performed by qualified service Personnel only in accordance with the National Electrical Code or applicable local codes.



Power Disconnect. Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is the ON position. The power cord is the main power disconnection for all units.



“CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instruction.”

About this document

Before installing the stand alone DVR, be sure to thoroughly review and follow the instructions in this User Manual. Pay particular attention to the parts marked **NOTICE**.

Before reading this document

1. This document is intended for both the administrator and users of this stand alone DVR Model.
2. This manual contains information for configuring, managing and using this stand alone DVR Model.
3. To prevent fire or electrical shock, do not expose the product to heat or moisture
4. Be sure to read this manual before using this stand alone DVR Model.
5. For questions and technical assistance on this product, contact your local dealer.

► Recommendations on installation of the DVR unit

1. Check that the electricity supply at the place you want to install the DVR unit is stable and meets our electricity requirements. Unstable electricity will cause malfunction of the unit and may damage the unit.

It is recommended that this unit is connected to a power surge protection unit.

2. Several chips on the main board of the DVR unit and hard disk drive inside the unit generate heat, and it must be properly discharged. Do not put any objects just beside exhaust port(fan) on the left side of the unit and do not cover the opening (fresh air in-take) on the right side of the unit.
3. Put the DVR unit in a well-ventilated place and do not put heat generating objects on the unit. When it is installed in a mounting rack together with other devices, please check that the built-in ventilation fan in the rack is running properly.

Unit Description of Front Panel



COMPACT FLASH CARD READER



CHANNELS 1-4



4 QUAD SCREEN MODE BUTTON/ MODE FUNCTION KEY/ QUAD DISPLAY ON PLAYBACK

CHANNEL 1/2/3/4	CHANNEL 1/2/3/4 FULL SCREEN BUTTONS
FREEZE	PICTURE FREEZE MODE BUTTON
ZOOM	PICTURE ZOOM x 2 MODE BUTTON
W.MARK/AUTO	WATER MARK FUNCTION BUTTON/AUTO SEQUENCE MODE
BACKUP/PIP	IMAGE BACKUP BUTTON / PICTURE IN PICTURE MODE BUTTON



DIRECTION BUTTON UP ▲, PLAYBACK STOP BUTTON ■
 REVERSE PLAYBACK BUTTON ◀
 STILL PLAYBACK ◀◀
ENTER/AUDIO BUTTON - SUB MENU ENTER/ AUDIO ON/OFF
 FORWARD PLAYBACK BUTTON ▶
 STILL PLAYBACK ▶▶
 DIRECTION BUTTON DOWN ▼



MENU PRESS THIS BUTTON TO DISPLAY MENU SETUP
ESC/LOCK SUB MENU EXIT BUTTON - KEY LOCK FUNCTION
PLAY PLAYBACK BUTTON
REC RECORD BUTTON

NOTE: VALUE CHANGES BUTTONS ARE FOUND UNDER CCT715 FLAP

T-SRH PLAY BACK TIME SEARCH

◀ ▶ REDUCE INCREASE

Unit Description of Rear Panel



DC 12V 5A 5A 12V DC POWER IN

CAMx IN CAMERAS IN 1 – 4

OUT VIDEO LOOP THROUGH



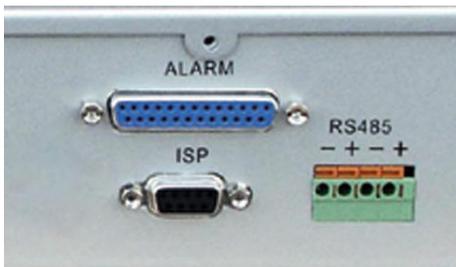
75 OHM ON/OFF (HIGH/LOW ADJUST)

MONITOR OUTPUT

S – VIDEO (Y/C) MONITOR OUT

AUDIO OUT AUDIO CHANNEL OUTPUT

IN AUDIO CHANNEL INPUT



ALARM ALARM CONNECTOR

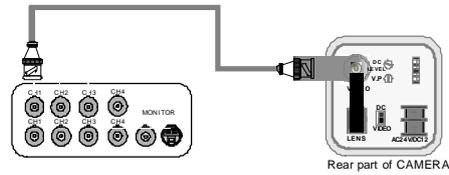
ISP RS232 CONNECTOR/FIRMWARE UPGRADE PORT

RS485 CONTROL KEYBOARD CONNECTOR
NOTE: PTZ NOT CURRENTLY AVAILABLE

Installation

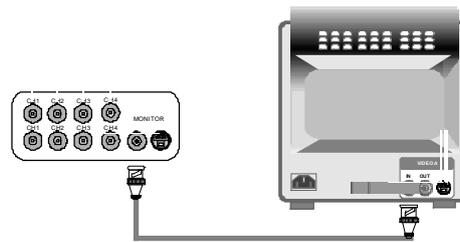
1) Camera Connection

Connect the camera to the CAMERA INPUT on the Rear Panel of the 4 CH DVR.



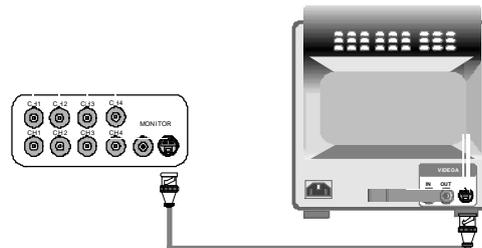
2) Monitor Connection (Composite Connection Method)

Connect the monitor to the MONITOR OUT on the Rear Panel of the 4 CH DVR.



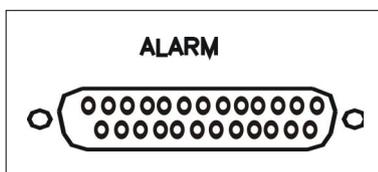
3) Monitor Connection

Connect S-VIDEO Monitor to MONITOR OUT on the Rear Panel of the 4 CH DVR.



4) Sensor Connection

Connect the Sensor to the SENSOR INPUT/OUTPUT on the Rear Panel of the system



13,12,11,10,9,8,7,6,5,4,3,2,1

25,24,23,22,21,20,19,18,17,16,15,14

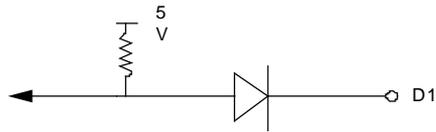
◆ Relay output : COM+NC, COM+NO

◆ Alarm input : Short-circuit between Alarm0, Alarm1, Alarm2 or Alarm3 and GND is recognized as alarm by default. Alarm0~3 will be corresponding to Camera1~4.

- 1.ALARM0
- 2.ALARM1
- 3.ALARM2
- 4.ALARM3
- 23.ALARM NC
- 24.ALARM NO
- 25.ALARM COM
- 5. ~ 19. GND

NOTICE: Sensor input is RECOGNIZED as LOW when alarm signal is on a level with GND, and it is recognized as HIGH when alarm signal is FLOATING or 5V. Following is internal circuit.

Internal Circuit



Thus, there is a danger of damage, when the sensor input goes to a Negative level or voltage higher than 5V.

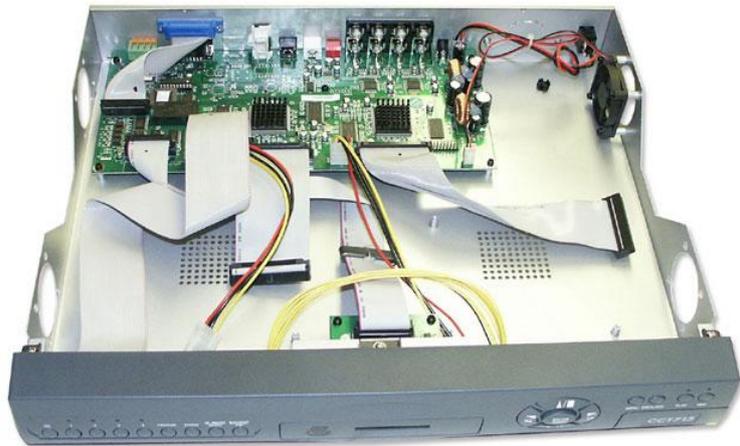
5) Hard Disk Installation

This 4 CH DVR is capable of accommodating a maximum of 2 internal hard drives.

- Hard Disk Master and Slave jumper pins must be set correctly, otherwise DVR will not function.
- 400 Gb Hard Drives are not compatible with this unit. Unit takes 2 x 300 Gb Hard Drives maximum.

1. Remove the two cabinet screws from each side of the CCT715 case.
2. Slide the lid backwards and lift off.

3. The first or Master Drive is fitted in the left compartment looking from the front of the CCT715. The second drive or slave is fitted in the right compartment.



4. Identify the screws and brackets supplied.



These are used to secure the brackets to the raised pillars on the base



These screws are used to secure the brackets to the hard drive



These screws are used to secure case

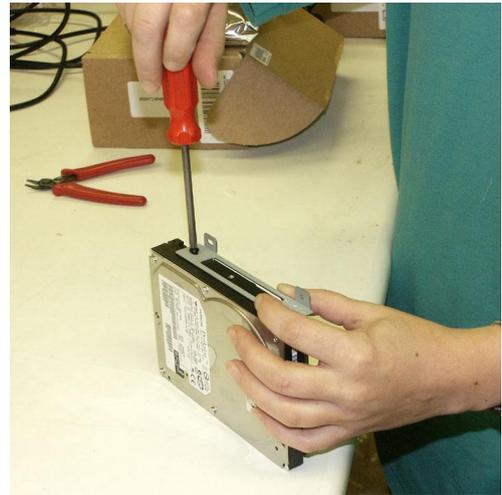


Two brackets are used for each hard drive installed.

5. Attach a bracket to each side of a hard drive using the black screws without washers.

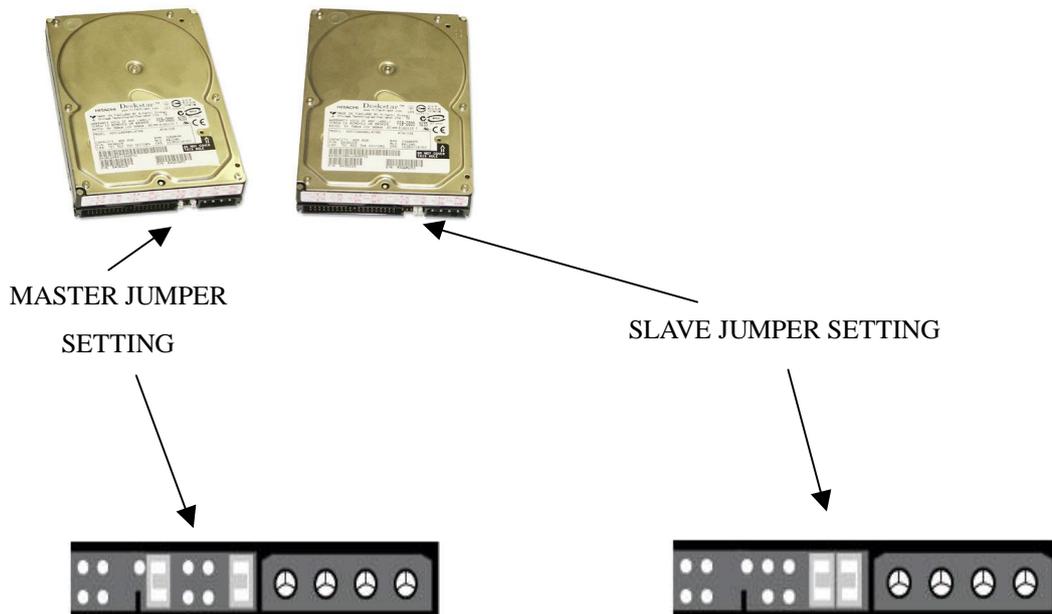
This drive will be the first/**Master** drive.
In order to set the Master it is necessary to set the correct jumper connection. The jumper connections are specified on the hard drive.

If you are installing two hard drives, the second hard drive must be set as the **Slave** drive. Again the appropriate jumper connection must be set. This will also be specified on the hard drive.



6. This shows two Hitachi Hard Disk Drives, the one on the left setup as Master and the one on the right as the Slave.

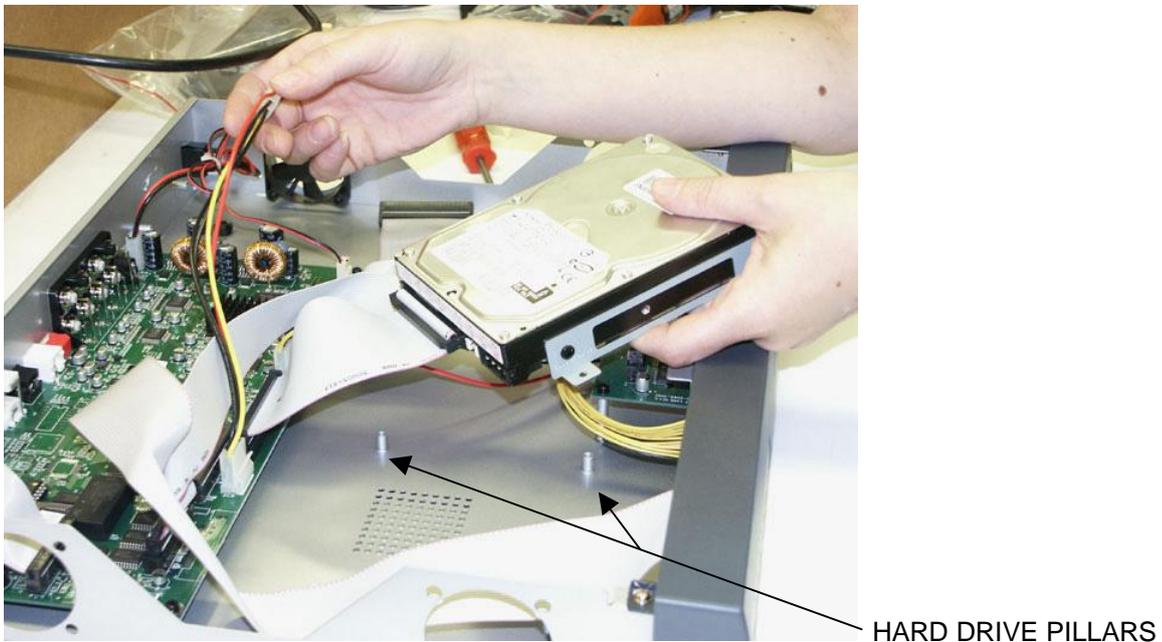
HITACHI MASTER & SLAVE HARD DRIVES



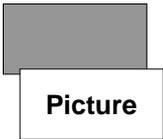
7. The following shows two Maxtor Hard Disk Drives, the one on the left setup as Master and the one on the right as the Slave.



8. Now connect the IDE Ribbon cable and the hard drive power supply plug. These cables have a keyed side so that they can only fit one way round. Note that the ribbon cable has a red edge that faces the red cable of the power supply plug. The left ribbon cable and power plug are for the Master and the right ribbon cable and power plug are used for the Slave.



9. The hard drive/s can now be fitted to the base of the CCT715. The Master is fitted in the left hand space and if the second Slave drive is fitted, this is fitted in the right hand space. There are four pillars to attach each hard drive. The black screws with washers are used for this.
10. Now slide on top case and using extra chrome screws supplied, secure sides and back.



Full screen or quad screen display

Press  quad button to display 4 quad screen.

Press numeric 1 / 2 / 3 / 4 buttons to display a desired camera image in full screen.

1.) FREEZE Mode

1. In live and the quad mode press  (FREEZE) button to freeze image.

Press  again to cancel freeze mode.

2. On the full screen display, press  (FREEZE) button to freeze full screen image.

2.) Zoom Mode(Display Enlargement.)

Go to full screen mode with numeric buttons in live or playback mode, then press ZOOM button to display screen Enlargement.

Use  button to move position.

3.) Auto Mode

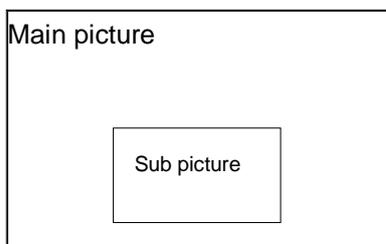
Press  (AUTO) button to start screen auto sequencing, and press it again to cancel auto mode.

4.) W.MARK. Water Mark mode.

Water Mark protection function on or off. To prevent hackers using special software to modify the image data. System Setupà Watermark Check mode On. Press W.Mark button to on or off. (Playback mode only)

5.) PIP (PICTURE IN PICTURE)

1.) Press  (PIP) button. Press  (AUTO) button to start sub-screen auto sequencing.



2) With  button, select the main channel screen, press  button to select desired camera channel in small screen.

6.) BACKUP / PIP. Image backup mode.(Image backup works in playback mode only.)

Locate the playback point you want. Press BACKUP, the BACKUP CAUTION window pops up. Press ENTER to begin data back up. Capacity of CF card is not limited, but the maximum capacity display is 9999MB.

In playback mode, press BACKUP:

** BACKUP CAUTION **
ALL DATA IN THE CF CARD
WILL BE CLEARED.
PRESS [ENTER] TO BACKUP.
PRESS [BACKUP] TO

Lower-Right corner of the screen:

0000M / 0256MB

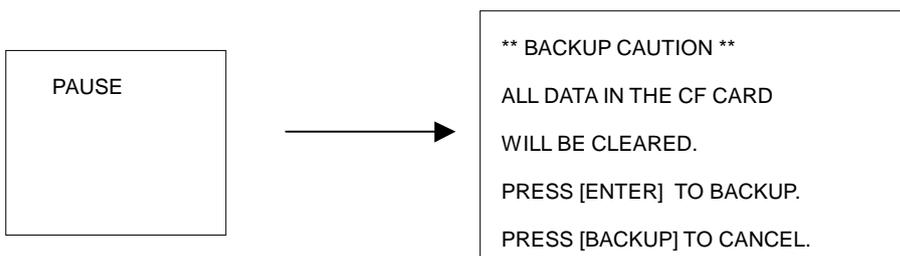
0000MB / 0256 (Presently back up progress / Total capacity of CF card)

Important:

If the CF card contains old data, please format CF card to FAT or FAT32 on a computer before inserting in DVR CF card slot. Otherwise, DVR will not detect correct CF card format. Any brand of CF card is acceptable.

Additional:

During playback, if a CF card is full or if user presses the BACKUP button, the screen will display a "PAUSE" caption. User then takes out the CF card then saves data to P.C hard disk using the USB connection via a USB reader. After this, re- insert the CF card in the DVR slot, and press BACKUP again. Press ENTER to continue backup or backup button to cancel. Note that this DVR will display recorded date and time on the recorded images.



To play back the data after loading to the PC hard drive, it is recommended that the Viewer Software supplied for this DVR is used for this purpose.

Whilst the CF card can be used to download a file larger than the CF card capacity using the above method it may be a long process if large files are required for evidence. It may be preferable to backup a large file to a VCR by recording using the monitor output.

7.) Alarm Sensor Recording

>See the alarm recording setup page

8.) Scheduled Recording

>See the scheduled recording setup page

9.) Motion detection Recording

>See the motion detection recording setup page

10.) Key Lock function

>In the Live or Playback mode, press  (lock). Only numeric, freeze, auto, pip, and zoom buttons will work. Press lock key again to enter the login-in window. Enter admin or user password to unlock. Key lock function only accepts correct password log-in, even following a DVR reboot.

10.)

11.)AUDIO function))))

)))))	xxxxxxxxxx



Audio playback: Press **AUDIO** / ENTER,)))) displays on the Upper-left of screen. At that time, audio will playback. Press it again to turn it off.

Notice

Audio playback only on normal (x 1) playback.

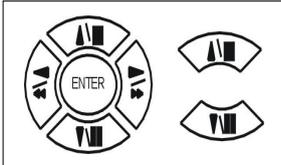
Playback

1. Playback Mode

- 1) Press  button to begin playback. System plays back the images in reverse.

2. T-SRH button

- 1) T-SRH: Playback by time search.
Press T-SRH button to activate playback function.

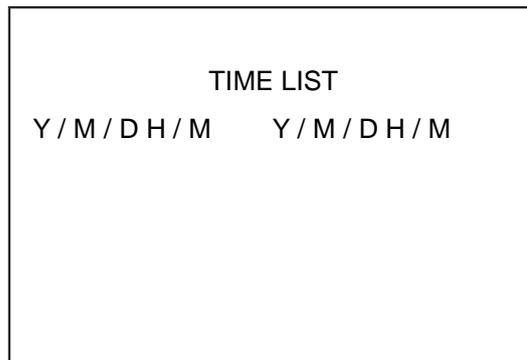


Press direction button
UP/DOWN to choose items.

MAIN PLAY PAGE

- 1.MASTER TIME LIST
- 2.SLAVE TIME LIST
- 3.MASTER EVENT LIST
- 4.SLAVE EVENT LIST
- 5.GOTO DATE: 2004/12/31
- 6.GOTO TIME: 12:12
- 7.GOTO PLAY

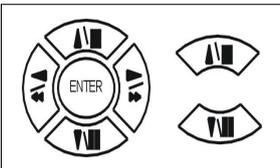
1) TIME LIST (Playback image by Time-Search): Recorded images list (by hours)



Y / M / D H / M (Beginning of recording time) Y / M / D H / M (End of recording time)

Every playback data list displays by the hour.

No page display limit. 10 items displayed on each page.

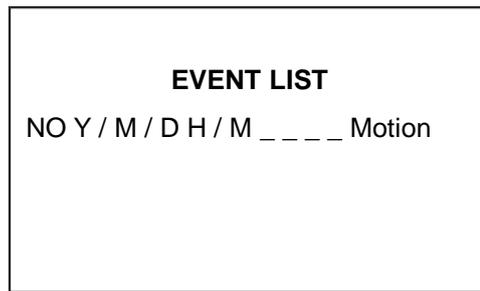


Press direction button UP/DOWN to choose items.

Press   values change button to change to previous / next page.

The buttons are located under the CCT715 flap on the R/H corner of DVR

2) EVENT LIST (Alarm List): Event source- Video loss / Alarm trigger / Motion / Record



10 items displayed on each page. A total of 5000 items displayed across 500 pages. Note that a maximum of 5000 items are only displayed.

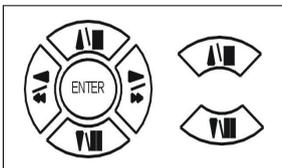
Y / M / D H / M : Year / Month / Day Hour / Minute

_ _ _ _ : Event Channel Display.

>1 CH, 2 CH, 3 CH, 4 CH.

Motion: Event type.

>Includes Motion / Alarm / V-Loss / Record



Press direction button UP/DOWN to choose items.

Press ◀▶ values change button to change page. The buttons are located under the CCT715 flap on the R/H corner of DVR

>Special time search playback:

Go TO DATE: 2002/12/12

-Choose year / month / day

>Press direction button Left / Right to choose items, press values change button ◀▶ to change value.

GOTO TIME: 12:12

-Choose hour and minute

>Press direction button Left / Right to choose items, press values change button ◀▶ to change value.

GOTO PLAY

-Press ENTER button to start playback.

Notice: Playback speed change by ◀▶ . Speed is x 1, x 2, x 4, x 8, x 16.

FUNCTION SETUP

LOGIN

- 1) Press  button to enter menu. You can do system function setup in MENU.
- 2) Enter Password Menu

CHECK PASSWORD MENU

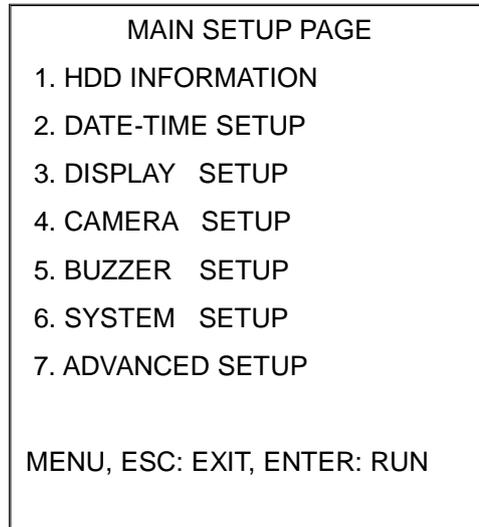
PASSWORD (*****)

Default password (Account-Admin) : 44444
Default password (Account-User) : 11111

- 3) Press numeric (1 ~ 4)button or remote controller (1 ~ 9)to choose password.
- 4) Remote controller function buttons are same as DVR panel function buttons.

Basic Operation

Press MENU button to enter MAIN SETUP PAGE.



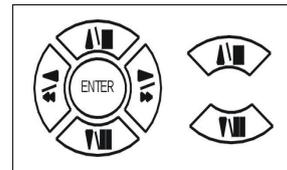
1) Use direction button up/down  button to select setup item.

2) Press  button to enter into sub-menu function setup.

3) Press sub-menu item with direction button up/down 
or left/right  button.

And change the value with  values change button or turn inner-shuttle.

Note: The buttons are located under the CCT715 flap on the R/H corner of DVR



4) Press ESC to go back to main / sub menu or exit menu.

Notice:

1. ADMIN level can setup all DVR menu functions.
2. USER level cannot setup ADVANCED page of DVR main menu function.

1. HDD INFORMATION

```
MAIN SETUP PAGE
1. HDD INFORMATION
2. DATE-TIME SETUP
3. DISPLAY  SETUP
4. CAMERA  SETUP
5. BUZZER  SETUP
6. SYSTEM  SETUP
7. ADVANCED SETUP

MENU, ESC: EXIT, ENTER: RUN
```

```
POSITION SIZE USED BRAND
MASTER
LAST TIME
SLAVE
LAST TIME
MENU, ESC: EXIT,◀▶ :PAGE
```

Hard Disk Information Display.

Information display: POSITION SIZE USED BRAND

>POSITION: Master / Slave

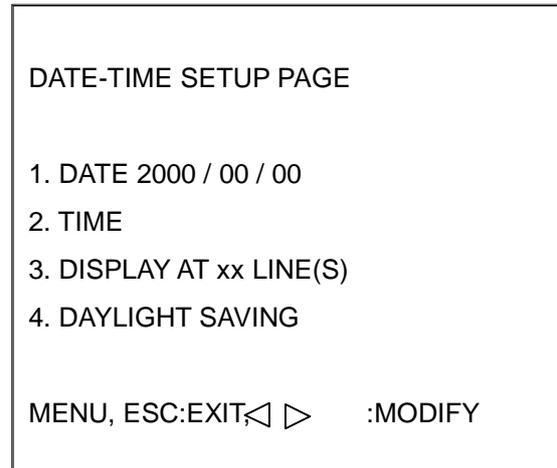
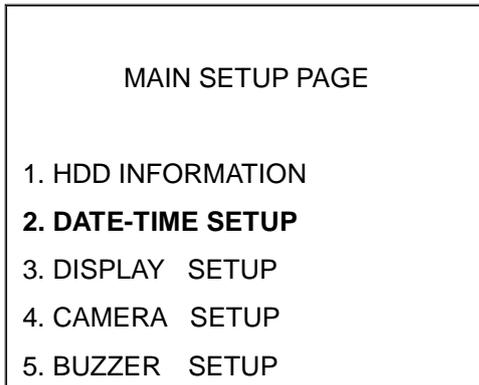
>SIZE: Hard Disk capacity. xxGB. Maximum display is 999GB

>USED: 00 ~ 100 %. Hard disk overwrites always on 100 %.

>BRAND: DVR auto detect hard disk brand.

>LAST TIME: The last record time display.

2. DATE-TIME SETUP



1. DATE: > YYYY/MM/DD

2. TIME: > Use direction button up/down to choose position & values change button to change date and time values.

3. DISPLAY AT xx LINE(S)

-Date and Time position on screen xx line(s). 00 ~ 23.

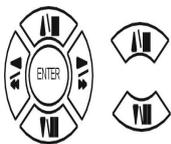
4. DAY LIGHT SAVING:

-Day light saving function on or off.

The Day light Savings function that enable two special updates when it is set to "ON".

On the first Sunday in April, the time increments from 1:59:59 AM to 3:00:00 AM.

On the last Sunday in October when the time first reaches 1:59:59 AM, it changes to 1:00:00 AM.



Press direction button up/down/left/right to choose items or move date-time position.

3. DISPLAY SETUP

MAIN SETUP PAGE
1. HDD INFORMATION
2. DATE-TIME SETUP
3. DISPLAY SETUP
4. CAMERA SETUP
5. BUZZER SETUP
6. SYSTEM SETUP
7. ADVANCED SETUP
MENU, ESC: EXIT, ENTER: RUN

DISPLAY SETUP PAGE
1. DATE-TIME ON
2. CAMERA TITLE ON
3. PB DATE-TIME ON
4. PB CAMERA TITLE ON
5. DVR STATUS ON
6. BORDER SET WHITE
MENU, ESC:EXIT, ◀ ▶ :MODIFY

1. DATE-TIME: Date and Time caption display mode on or off setup.
>ON / OFF
2. CAMERA TITLE: Camera Title caption display mode on or off setup.
>ON / OFF
3. PB DATE-TIME: Play back date and time caption display mode on or off setup.
>ON / OFF
4. PB CAMERA TITLE: Play back camera title caption display mode on or off setup.
>ON / OFF
5. DVR STATUS: DVR system, record, playback, audio caption display mode on or off setup.
>ON / OFF
6. BORDER SET: Border colour WHITE / DARK / BLACK / GREY.



Press direction button up/down to choose the desired item.

Press ◀ ▶ values change button to change values. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

4. CAMERA SETUP

MAIN SETUP PAGE

1. HDD INFORMATION
2. DATE-TIME SETUP
3. DISPLAY SETUP
- 4. CAMERA SETUP**
5. BUZZER SETUP
6. SYSTEM SETUP
7. ADVANCED SETUP

MENU, ESC: EXIT, ENTER: RUN

CAMERA SETUP PAGE

1. COLOUR SETUP
2. TITLE SETUP
3. SCREEN POSITION SETUP
4. V-LOSS DISPLAY SETUP
5. VIDEO MASK SETUP

MENU, ESC: EXIT, ENTER: RUN

(1.) COLOUR SETUP

CAMERA SETUP

- 1. COLOUR SETUP**
2. TITLE SETUP
3. SCREEN POSITION SETUP
4. V-LOSS DISPLAY SETUP
5. VIDEO MASK SETUP

CAMERA-COLOUR SETUP PAGE

** CH CAMERA 01

1. BRIGHTNESS 00
2. CONTRAST 00
3. SATURATION 00
4. HUE 00
5. GAIN 00

>>DEFAULT RESET<<

CAMERA-COLOUR SETUP : Adjust Camera Image

CH NUMBER	:	Select camera	
BRIGHTNESS	:	Adjust screen brightness	(-31~ +32)
CONTRAST	:	Adjust colour contrast	(-31~ +32)
SATURATION	:	Adjust colour saturation	(-31~ +32)
HUE	:	Adjust colour hue	(-31~ +32)
GAIN	:	Adjust image signal level	(-31~ +32)

>>DEFAULT RESET<< : Press ENTER button to reset DVR values.



Press direction button up/down to choose items.



Press < > values change button to change values.

Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

The correct adjustment in COLOUR setup will improve picture quality displayed. We recommend that each element of the colour adjustment is setup for each camera and monitor connected to the DVR.

(2.) TITLE SETUP: Input TITLE of each camera. 18 characters can be input.

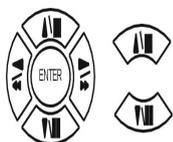
CAMERA SETUP

1. COLOUR SETUP
- 2. TITLE SETUP**
3. SCREEN POSITION SETUP
4. V-LOSS DISPLAY SETUP
5. VIDEO MASK SETUP

CAMERA-TITLE SETUP PAGE

CH1 (CAM01)
CH2 (CAM02)
CH3 (CAM03)
CH4 (CAM04)

MENU, ESC: EXIT: ◀ ▶ : MODIFY



Press direction button up/down/left/right to choose items and position.

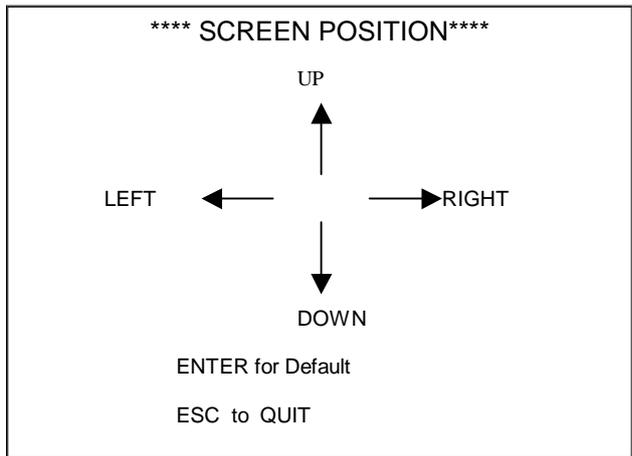
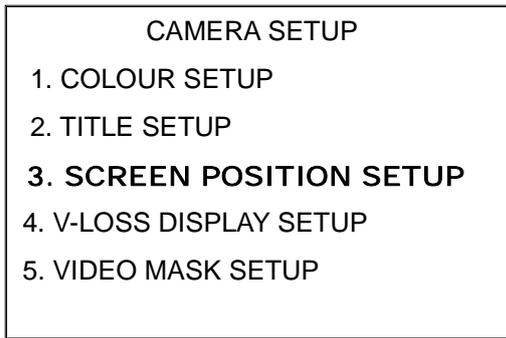
Press ◀ ▶ values change button to change values. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

Characters choose:

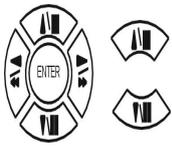
Numeric: 0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9

Capital letter: A / B / C / D / E / F / G / H / I / J / K / L / M / N / O / P / Q / R / S / T / U / V / W / X / Y / Z

(3.) SCREEN POSITION SETUP



1.



Press direction buttons up/down/left/right to move screen position.

2. Press ENTER button for default.

3. Press ESC button to quit.

(4.) V-LOSS DISPLAY SETUP

CAMERA SETUP

1. COLOUR SETUP
2. TITLE SETUP
3. SCREEN POSITION SETUP
- 4. V-LOSS DISPLAY SETUP**
5. VIDEO MASK SETUP

VLOSS SETUP PAGE

**VLOSS FUNCTION:

CH1 VLOSS DISPLAY
CH2 VLOSS DISPLAY
CH3 VLOSS DISPLAY
CH4 VLOSS DISPLAY

MENU, ESC: EXIT: ◀ ▶ : MODIFY

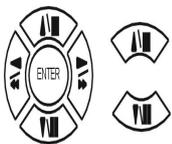
** VLOSS FUNCTION: ON / OFF

CH1 VLOSS DISPLAY: ON / OFF

CH2 VLOSS DISPLAY: ON / OFF

CH3 VLOSS DISPLAY: ON / OFF

CH4 VLOSS DISPLAY: ON / OFF



Press direction buttons up/down/left/right to choose items.

Press ◀ ▶ values change button to change values. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

(5.) VIDEO MASK SETUP

CAMERA SETUP
1. COLOUR SETUP
2. TITLE SETUP
3. SCREEN POSITION SETUP
4. V-LOSS DISPLAY SETUP
5. VIDEO MASK SETUP

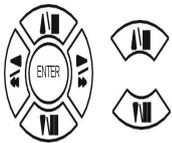
VIDEO MASK SETUP PAGE

CH1 VIDEO MASK
CH2 VIDEO MASK
CH3 VIDEO MASK
CH4 VIDEO MASK

MENU, ESC: EXIT: ◀ ▶ : MODIFY

CH1 VIDEO MASK: ON / OFF
CH2 VIDEO MASK: ON / OFF
CH3 VIDEO MASK: ON / OFF
CH4 VIDEO MASK: ON / OFF

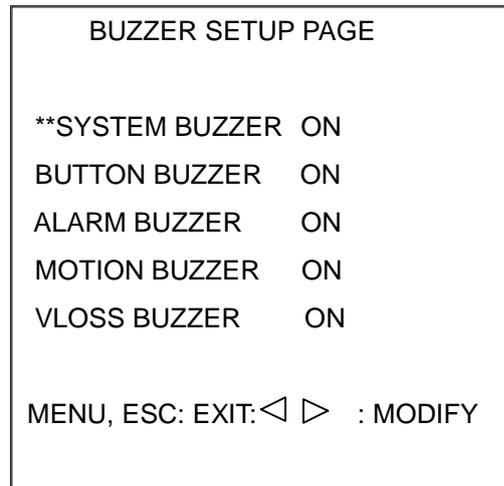
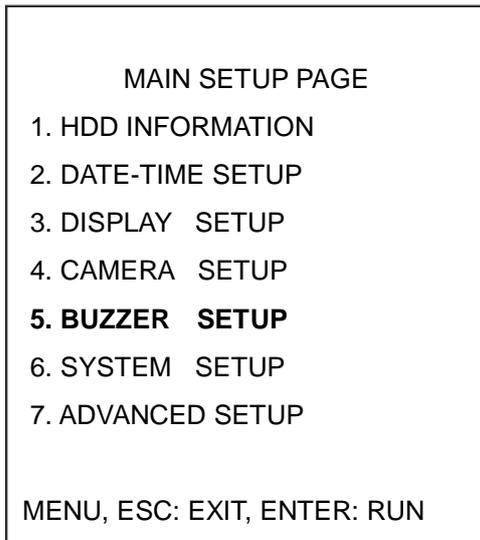
MASK means this channel would not display on the live screen, but it still recording.



Press direction buttons up/down/left/right to choose items.

Press ◀ ▶ values change button to change values. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

5. BUZZER SETUP



**SYSTEM BUZZER: Buzzer function

>ON / OFF

1. BUTTON BUZZER?

> ON / OFF

2. ALARM BUZZER?

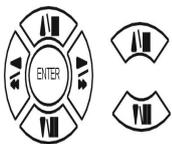
> ON / OFF

3. MOTION BUZZER?

> ON / OFF

4. VLOSS BUZZER?

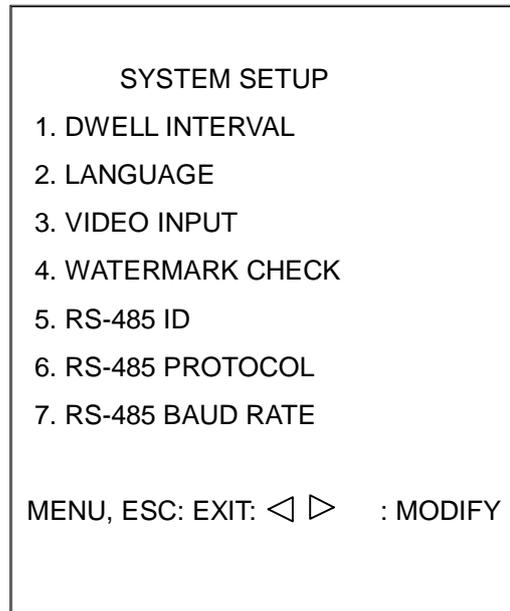
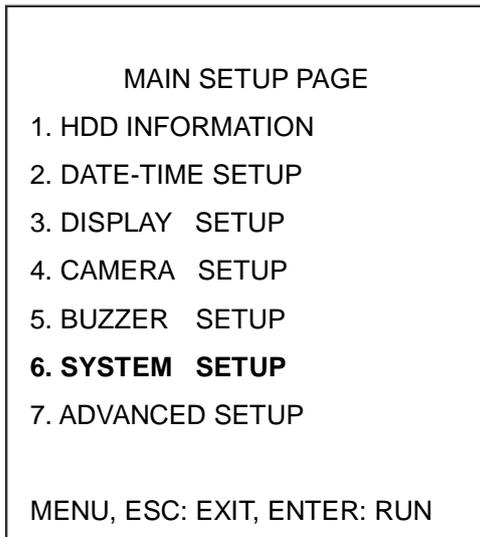
> ON / OFF



Press direction buttons up/down to BUZZER SETUP items.

Press ◀ ▶ values change button to change values. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

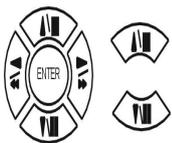
6. SYSTEM SETUP



SYSTEM SETUP

1. DWELL INTERVAL:
- 0 ~ 999SEC
2. LANGUAGE
- ENGLISH / CHINESE / JAPANESE
3. VIDEO INPUT: NTSC / PAL system detection,
- AUTO / NTSC / PAL
4. WATERMARK CHECK:
-ON / OFF
5. RS-485 ID:
- 01 ~ 16
6. RS-485 PROTOCOL
- KEYBOARD / LILIN / PELCO-P / PELCO-D / NICECAM
7. RS-485 BAUD RATE
- 1200 / 2400 / 4800 / 9600

RS-485 ID and protocol is the command for system control keyboard. Currently PTZ equipment is not operational with this equipment.



Press direction buttons up/down to choose items.

Press ◀▶ values change button to change values.

Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

8. ADVANCED SETUP

MAIN SETUP PAGE

1. HDD INFORMATION
2. DATE-TIME SETUP
3. DISPLAY SETUP
4. CAMERA SETUP
5. BUZZER SETUP
6. SYSTEM SETUP
- 7. ADVANCED SETUP**

MENU, ESC: EXIT, ENTER: RUN

ADVANCED SETUP PAGE

1. ALARM SETUP
2. MOTION SETUP
3. RECORD SETUP
4. PASSWORD SETUP
5. HDD FORMAT
6. FACTORY DEFAULT

ADVANCED SETUP PAGE

- 1. ALARM SETUP**
2. MOTION SETUP
3. RECORD SETUP
4. PASSWORD SETUP
5. HDD FORMAT
6. FACTORY DEFAULT

ALARM SETUP PAGE

1. ALARM FUNCTION ON / OFF
2. ALARM DURATION
3. ALARM RELAY SETUP<
4. ALARM POLARITY SETUP<

MENU, ESC: EXIT: ◀ ▶ : MODIFY

1. Alarm function: ON / OFF

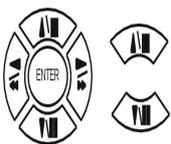
2. Alarm duration: 0 ~ 999 secs Record length interval - Default is set to 10 secs

ALARM RELAY SETUP PAGE

ALARM01 : ON / OFF
 ALARM02 : ON / OFF
 ALARM03 : ON / OFF
 ALARM04 : ON / OFF

ALARM POLARITY SETUP PAGE

ALARM01: NO / NC / OFF
 ALARM02: NO / NC / OFF
 ALARM03: NO / NC / OFF
 ALARM04: NO / NC / OFF

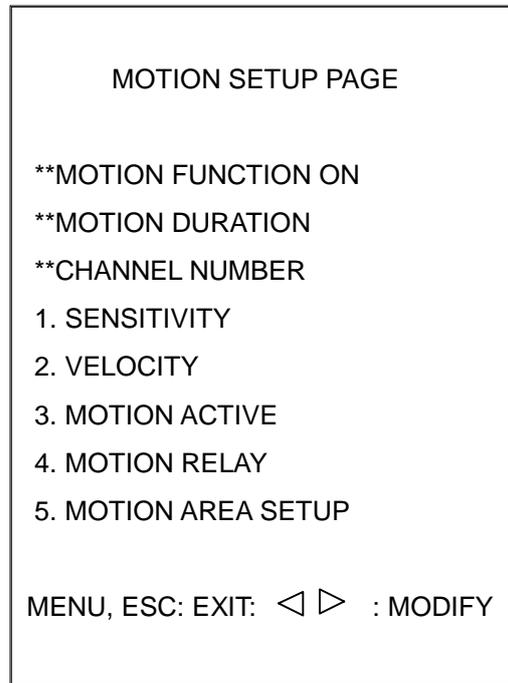
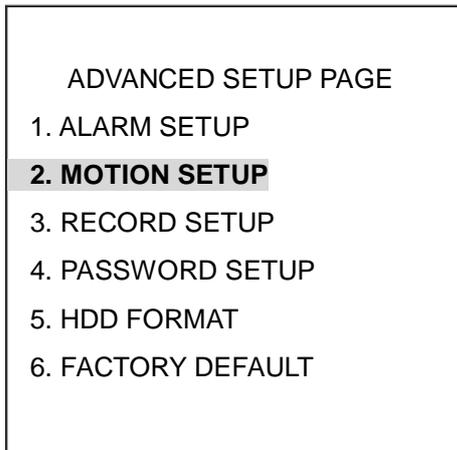


Press direction buttons up/down to choose items.

Press ◀▶ values change button to change values.

Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

2. MOTION SETUP



MOTION SETUP

**MOTION FUNCTION (set for all channels)

-ON / OFF

**MOTION DURATION

-0 ~ 999 secs

**CHANNEL NUMBER

Ch 1 / Ch 2 / Ch 3 / Ch 4

1. SENSITIVITY Adjusts motion Detection Sensitivity.

-1 ~ 32 (low à high)

2. VELOCITY Adjusts motion object slow /fast speed detection

-1 ~ 10 (slow speed à fast speed)

3. MOTION ACTIVE (For each channel)

-ON / OFF. Motion detect option for each channel.

4. MOTION RELAY

-ON / OFF

5. >MOTION AREA SETUP<



Press direction buttons up/down to choose items.



Press ◀ ▶ values change button to change values.

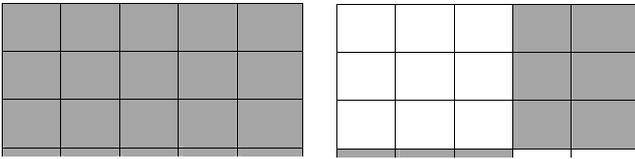
Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

> MOTION AREA SETUP <

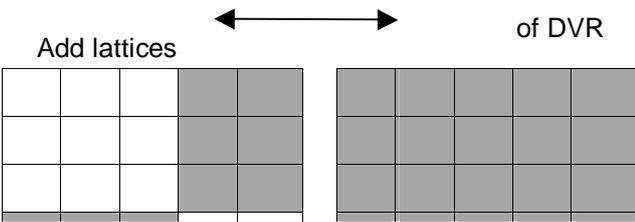
All area detect with factory default. Press quad button to change mode and then increase or reduce.

For example:

Press ◀ value change button to reduce. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR



Press ▶ value change button to increase. Note: The buttons are located under the CCT715 flap on the R/H corner of DVR



Icon:

Press ▶ to increase area, press ◀ to reduce area.

Icon:

Press Up / Down / Left / Right direction key to move, press ▶ to increase lattices; press ◀ to reduce lattices.

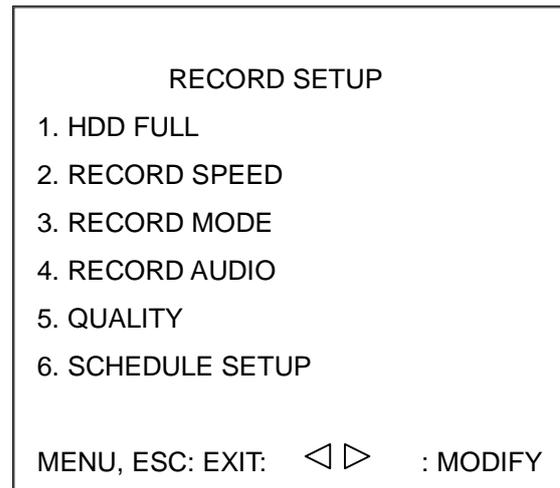
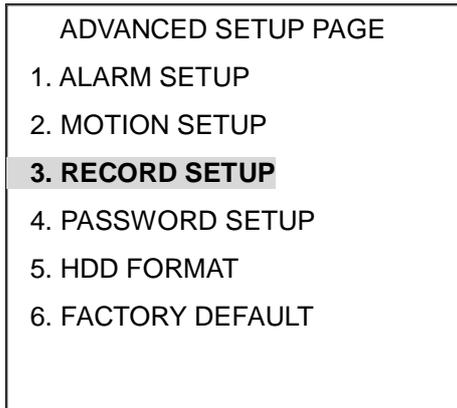
Icon: +

Press Up / Down / Left / Right direction key to move and increase area.

Icon: X

Press Up / Down / Left / Right direction key to move and reduce area.

3. RECORD SETUP



RECORD SETUP

- 1) HDD FULL: When hard disk is full, OVERWRITE will allow
-OVERWRITE / STOP REC overwrite of earliest data files: STOP REC will halt machine.
- 2) RECORD SPEED: Record FPS (Frames Per Second) setup
1/30, 1/15, 1/10, 1/5, 1/3, 1/2, 1, 2, 3.13, 5, 8.33, 12.5, 25, 50, 100. For 4 cameras
- 3) RECORD MODE: Record mode setup. (ALWAYS = default. This does not allow Schedule or Event
Recording).
-ALWAYS / SCHEDULE / EVENT / EVENT ON SCHEDULE / EVENT + SCHEDULE
- 4) RECORD AUDIO: Audio record setup
-ON / OFF
- 5) QUALITY: Record image quality setup
- SUPER / HIGH / FINE / NORMAL / LOW
- 6) SCHEDULE SETUP



Press direction buttons up/down to choose items.



Press ◀▶ values change button to change values.

The buttons are located under the CCT715 flap on the R/H corner of DVR

Additional:

2. RECORD SPEED. 1/30, 1/15, 1/10, 1/5, 1/3, 1/2, 1, 2, 3.13, 5, 8.33, 12.5, 25, 50, 100.

Record speed of 100 is for Real Time recording. Playback displays 25 frames per channel on FULL screen and 12.5 frames per channel on a 4 – split screen.

3. RECORD MODE. ALWAYS / SCHEDULE / EVENT / EVENT ON SCHEDULE / EVENT + SCHEDULE.

-**Always:** 24 hours recording. Manual record or stop.

-**Schedule:** Date and time schedule recording mode.

-**Event:** Alarm / Motion / V-Loss event mode recording.

-**Event on schedule:** Event record only during scheduled times.

-**Event + Schedule:** Event recording when schedule set. Events are recorded regardless of schedule time set.

4. RECORD AUDIO: ON / OFF.

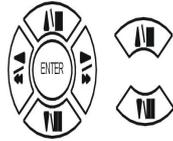
-Set Audio to ON for audio recording.

SPECIAL NOTE:

In order to start any event/schedule recording you must press the REC button on the front of the unit after setting the above.

>SCHEDULE SETUP<

- RECORD SETUP
1. HDD FULL
 2. RECORD SCHEDULE
 3. RECORD MOTION
 4. RECORD ALARM
 5. RECORD POWER ON
 6. RESOLUTION
- >SCHEDULE SETUP<**
- >RECORD SPEED SETUP<**



Press direction buttons up/down to SCHEDULE items.

Press ◀ ▶ values change button to change values.

Note: The buttons are located under the CCT715 flap on the R/H corner of DVR

Factory default is everyday. This schedules continuous time recording.

SCHEDULE SETUP

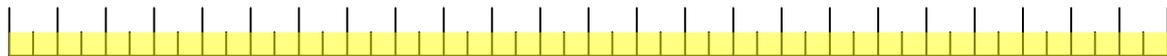
MODE INDICATOR

CURSOR STEP

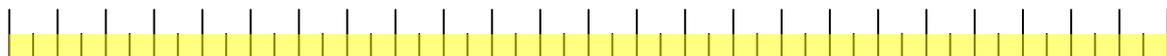
30MIN / 6MIN

▶▶ / ++ / --

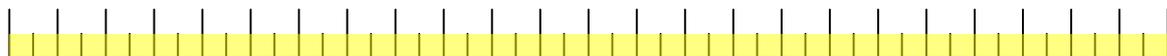
SUN



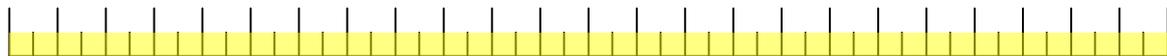
MON



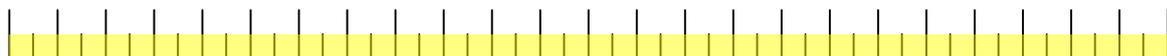
TUE



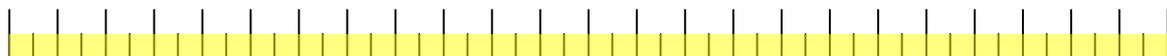
WED



THU



FRI



SAT



Press direction buttons up/down/left/right to see date and time difference.

Press ◀ ▶ values change left/right button to change 30MIN or 6 MIN intervals.

(Press Value Change Buttons under CCT715 Flap)

++ / -- : Increase / Reduce. Every day record = factory default.

MODE KEY

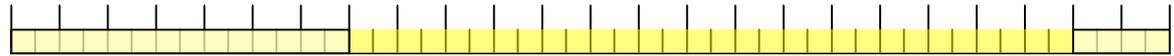


On ▶▶ , use up/down button to choose day, press mode button to change ++ or --. After, use direction left / right button to start increase or reduce time area.

SCHEDULE SETUP

CURSOR STEP

SUN



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

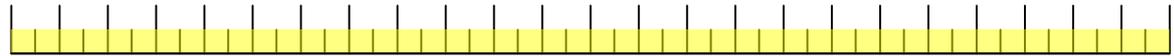
MON



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

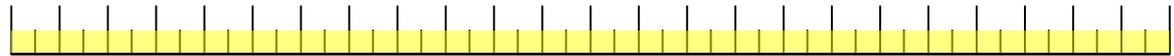
TUE



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

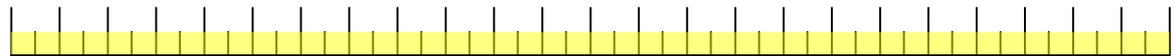
WED



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

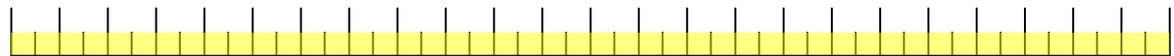
THU



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

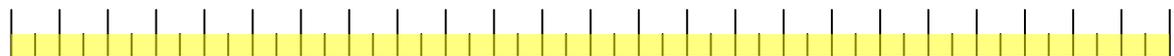
FRI



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

SAT



00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

00:30 01:30 02:30 03:30 04:30 05:30 06:30 07:30 08:30 09:30 10:30 11:30 12:30 13:30 14:30 15:30 16:30 17:30 18:30 19:30 20:30 21:30 22:30 23:30

For example: TUE ~ SAT, all day schedule time recording, but SUN 07:00 ~ 22:00 and MON 01:30 ~ 23:30 schedule recording. User can press ENTER to see the schedule time area difference.

1. ENSURE MODE KEY =



2. PRESS UP- KEY ON SHUTTLE - THIS SHOULD SHOW AN ARROW POINTING TO 00:00 SUNDAY.

3. PRESS RIGHT KEY ON SHUTTLE TO POSITION WHERE RECORDING TO START. NOTE THAT DARK LINE SHOWS RECORDING TIME SCHEDULED.

4. PRESS MODE KEY = ++ OR -- (++ SETS RECORD TIME INTERVAL & -- RESETS IT)
PRESS LEFT OR RIGHT KEY ON SHUTTLE TO INCREASE/DECREASE SCHEDULE TIME.

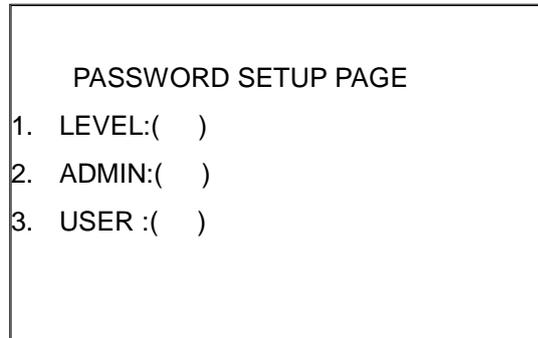
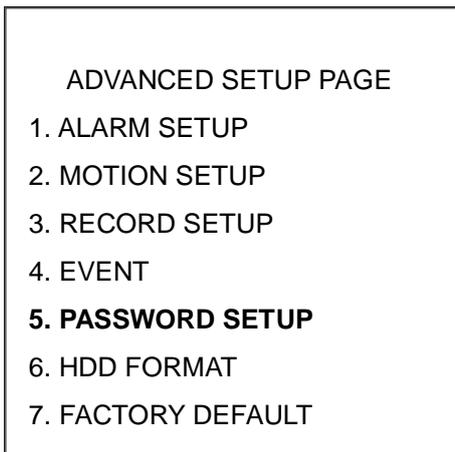
5. APPLY SCHEDULE TO EACH DAY – SUNDAY THROUGH TO SATURDAY..

6. NOW PRESS ESCAPE UNTIL YOU RETURN TO FIRST MENU PAGE THEN PRESS MENU TO RETURN TO NORMAL CAMERA DISPLAY.

7. NOW TO START RECORDING PRESS THE REC (RECORD) BUTTON ON THE FRONT OF THE UNIT.

QUICK GUIDE

5. PASSWORD SETUP



Press direction buttons up/down/left/right to Choose items position.

Press ◀ ▶ values change button to change values.

1) LEVEL (Log In level ID type setup)

>NONE / ADMIN / USER

-ADMIN:

-USER

-NONE, user does not need to insert password before enter in MENU.

2) ADMIN password

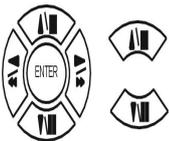
>44444 (Factory Default)

Notice:

Password always 5 character input, cannot accept < 5 characters

3) USER password

>11111 (Factory Default)



Press direction buttons up/down/left/right to choose items position.

Press numeric (1 ~ 4)button or remote controller (1 ~ 9)to choose password.

CAUTION: DO NOT USE 0 IN PASSWORD FIELD

Choose ADMIN: Only admin password can login to Advanced Menu.

Choose USER: Both user and admin passwords can login to menu but user password cannot access Advanced Menu.

6. HDD FORMAT

ADVANCED SETUP PAGE

1. ALARM SETUP
2. MOTION SETUP
3. RECORD SETUP
4. EVENT
5. PASSWORD SETUP
- 6. HDD FORMAT**
7. FACTORY DEFAULT



Press direction buttons up/down to
HDD FORMAT items position.
Press ENTER to format all HDD.



Caution: User can only format HDD when
record and playback halted.

⌘ HDD FORMAT CAUTION!! :

**** HDD FORMAT CAUTION!!****

ALL DATA IN HDD WILL BE
DESTROYED!!

PRESS [ENTER] TO FORMAT.
PRESS [ESC] TO CANCEL.



Press ENTER button to format hard disk.



Press ESC button to cancel hard disk format



7. FACTORY DEFAULT

ADVANCED SETUP PAGE

1. ALARM SETUP
2. MOTION SETUP
3. RECORD SETUP
4. EVENT
5. PASSWORD SETUP
6. HDD FORMAT
- 7. FACTORY DEFAULT**



Press direction buttons up/down to
FACTORY DEFAULT items position.



Press ENTER to restore.

**** CAUTION!!****

ALL SETUP VALUE WILL BE CLEAR,
AND RESTORE FACTORY DEFAULT!!

PRESS [ENTER] TO RESTORE.
PRESS [ESC] TO CANCEL.



Press ENTER button to restore.



Press ESC button to cancel.



CF card data read on PC

1. CD folder, save setup.exe to PC hard disk or double click it.



2. Install Shield Wizard processing.



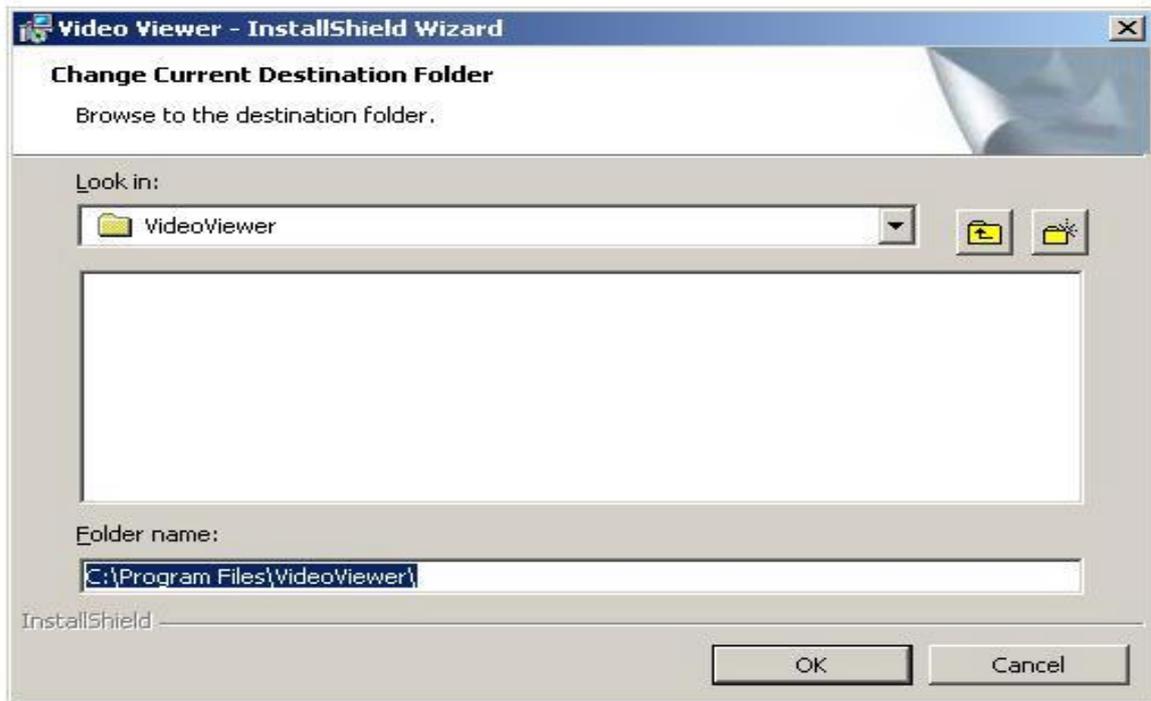
3. Click Next.



4. Choose folder.



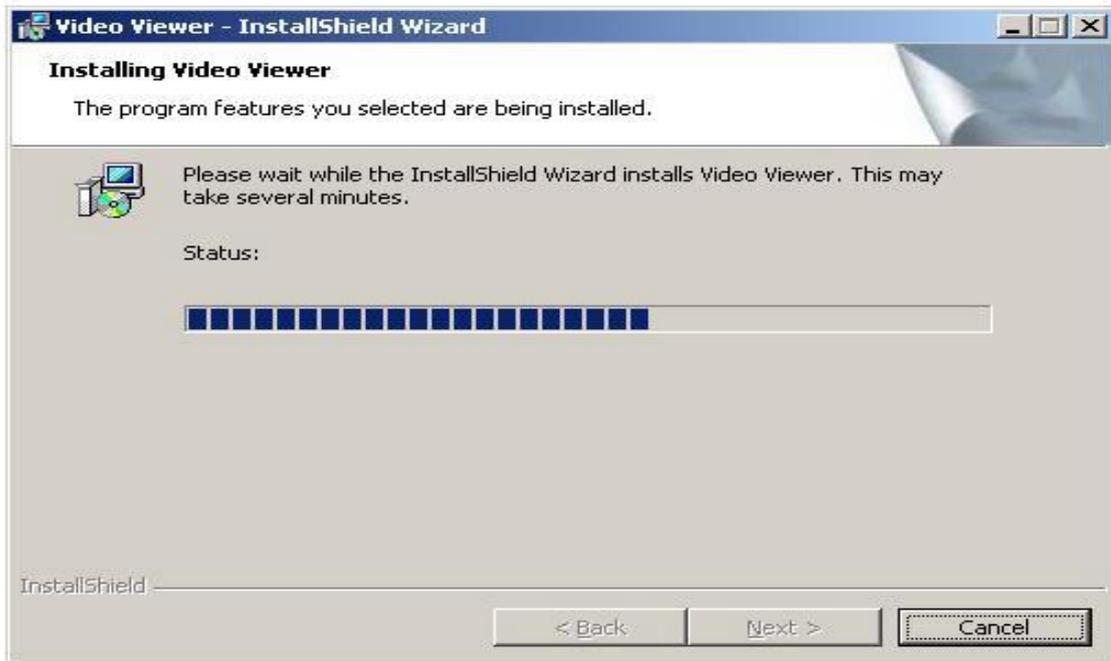
5. After choose folder, click OK.



6. Click install to start.



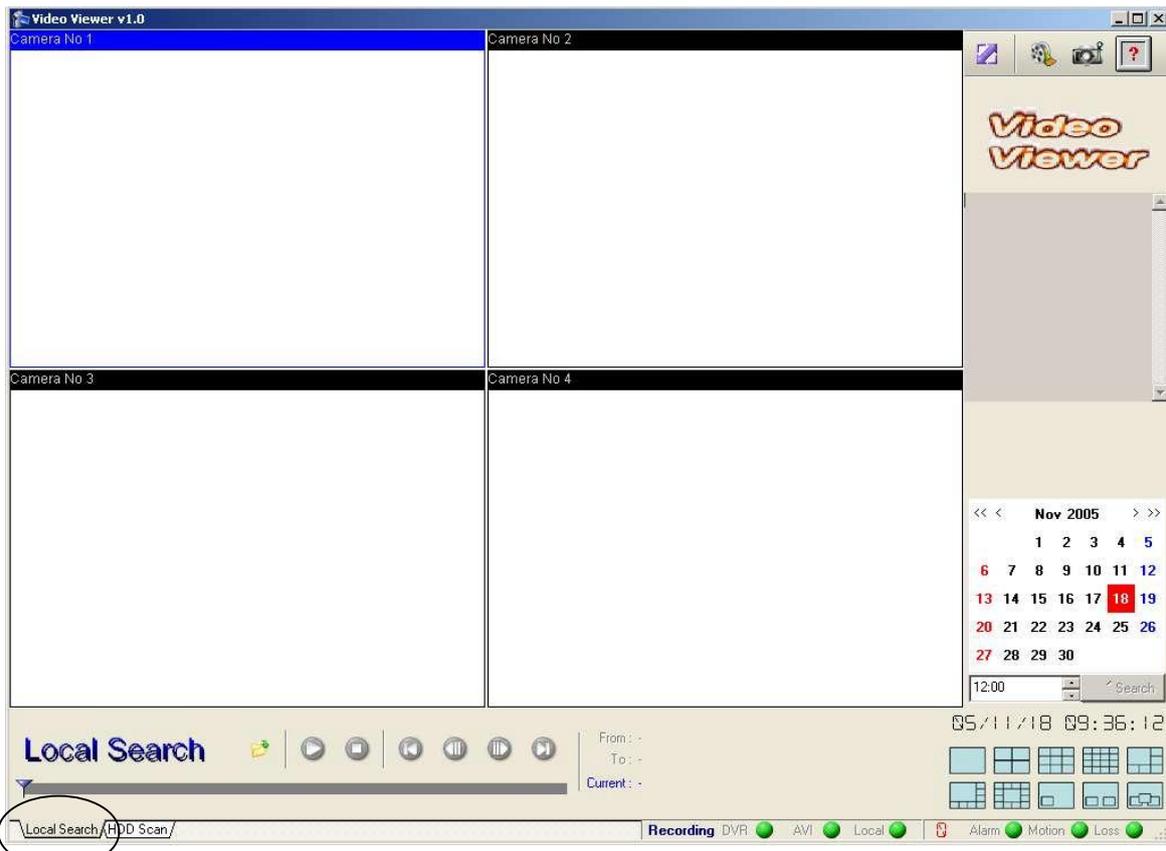
7. Installing



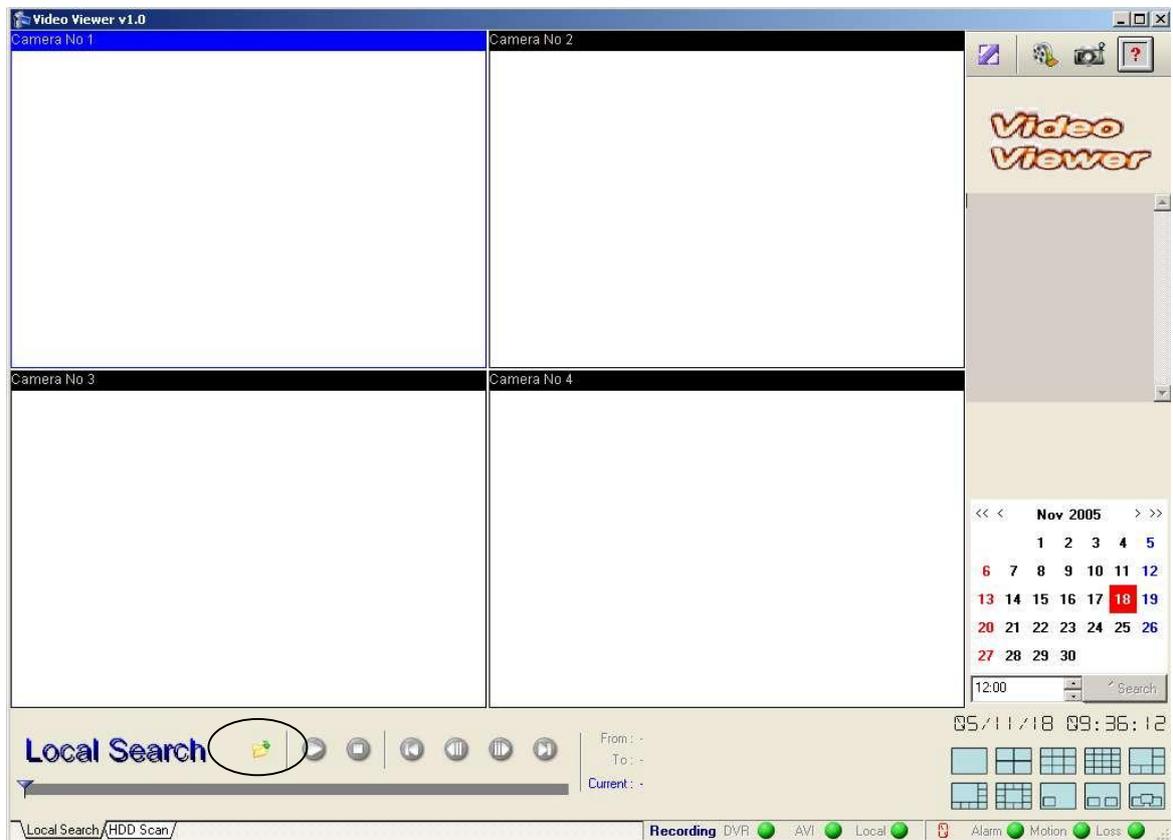
8. Click Finish



To Open Video Viewer Go to Start à Program à Video Viewer à Video Viewer

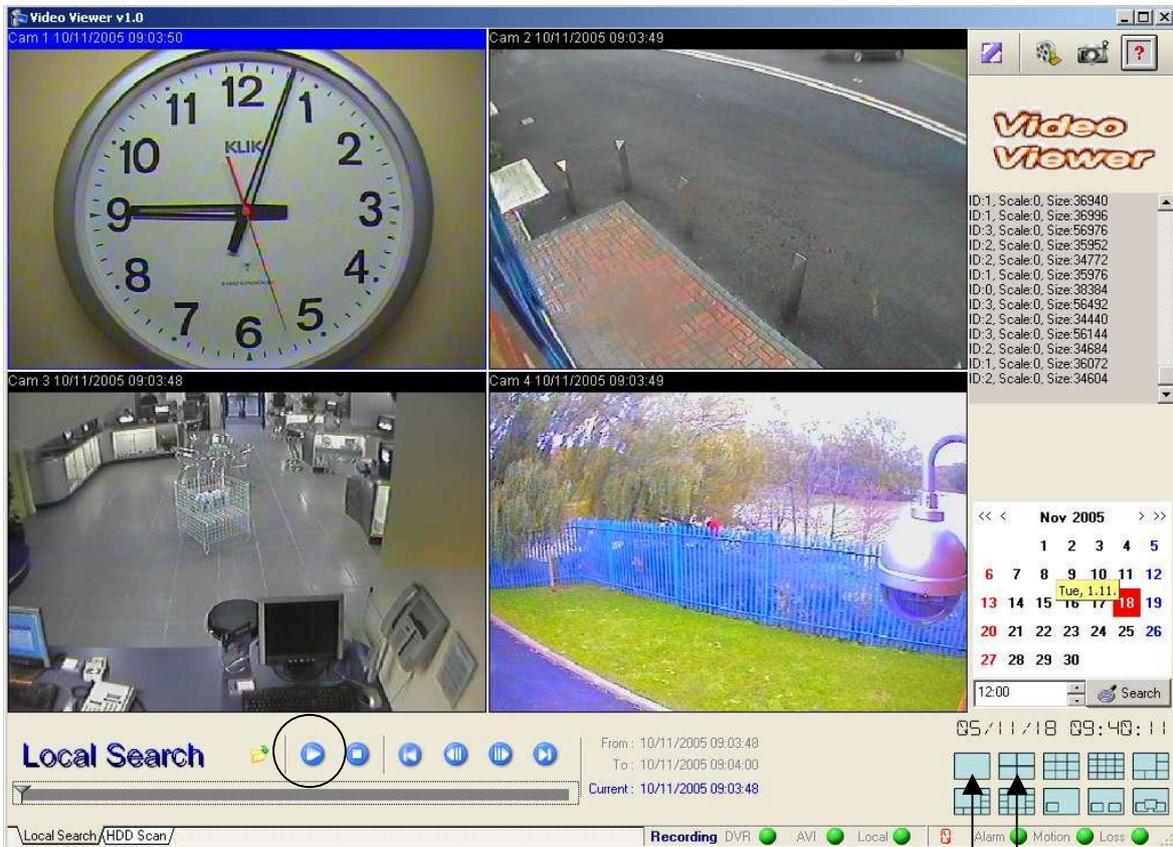
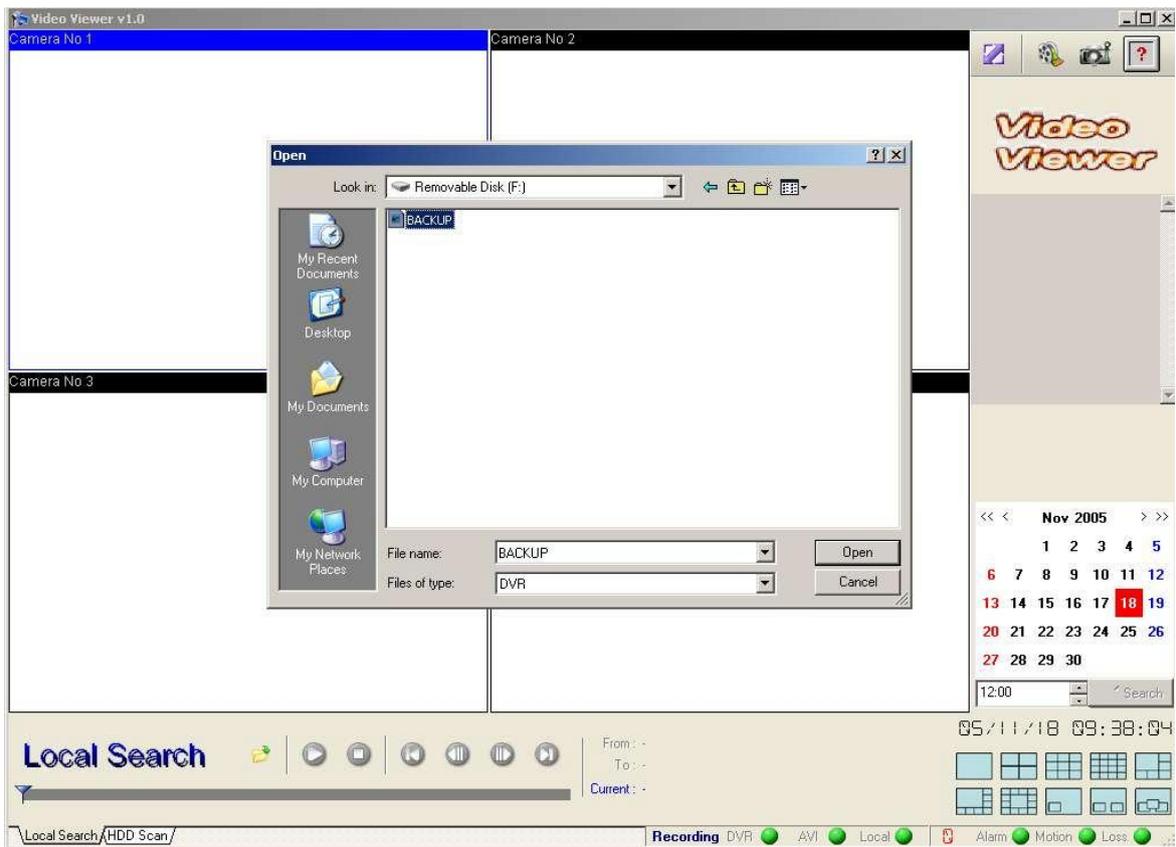


Using left mouse button click "Local Search".



Using left mouse button click the folder icon.

Choose new removable hard disk à BACKUP.DVR file. à OPEN. (Drive letters may vary).

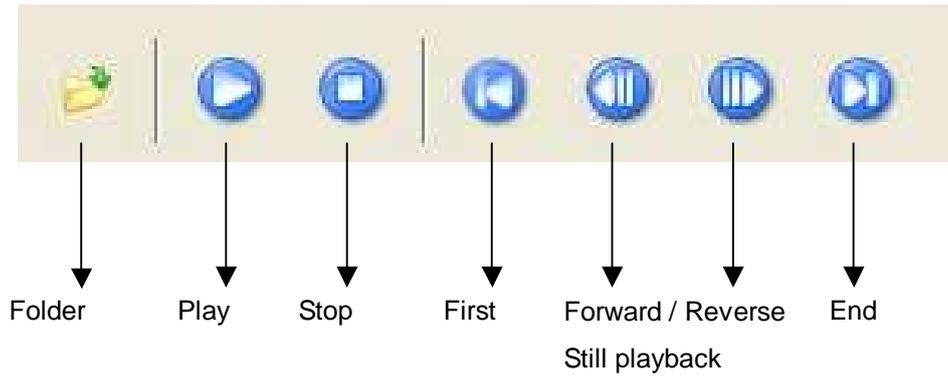


Using left mouse button click the play icon.

Full Screen

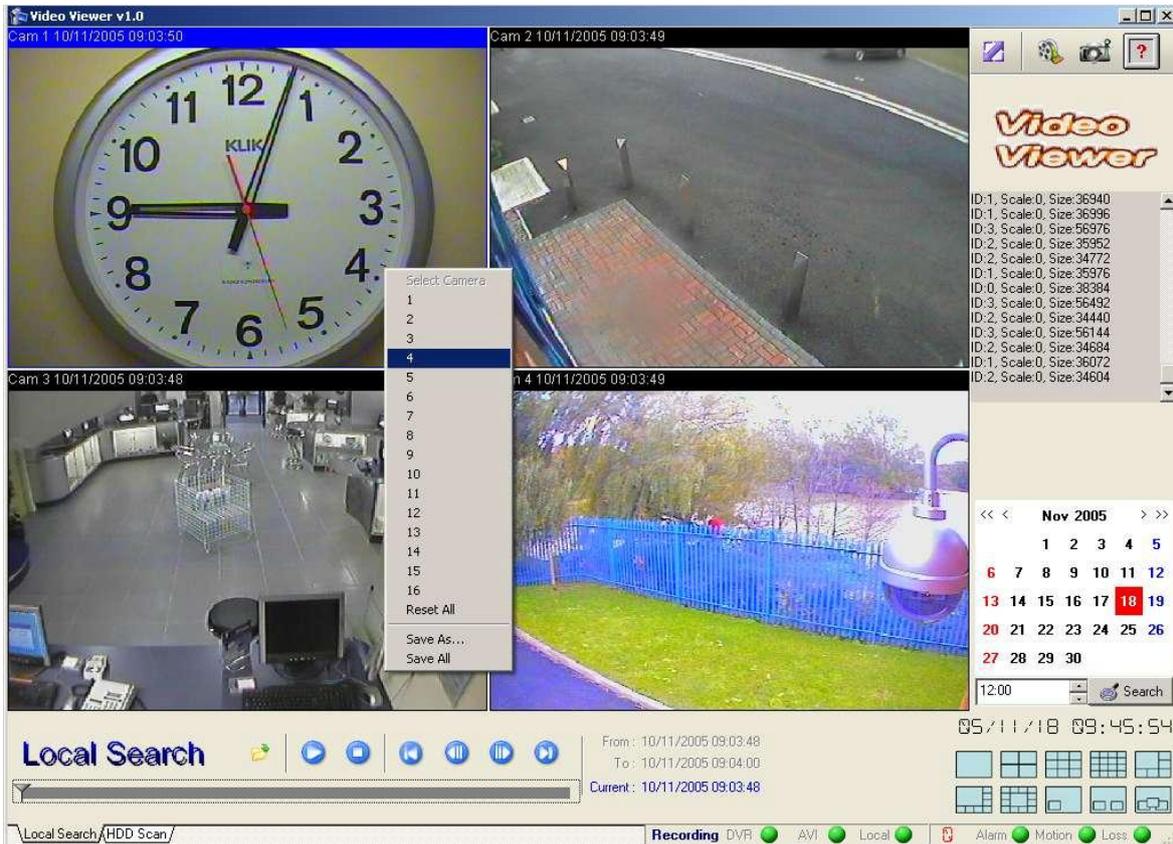
Quad Screen

Icon:

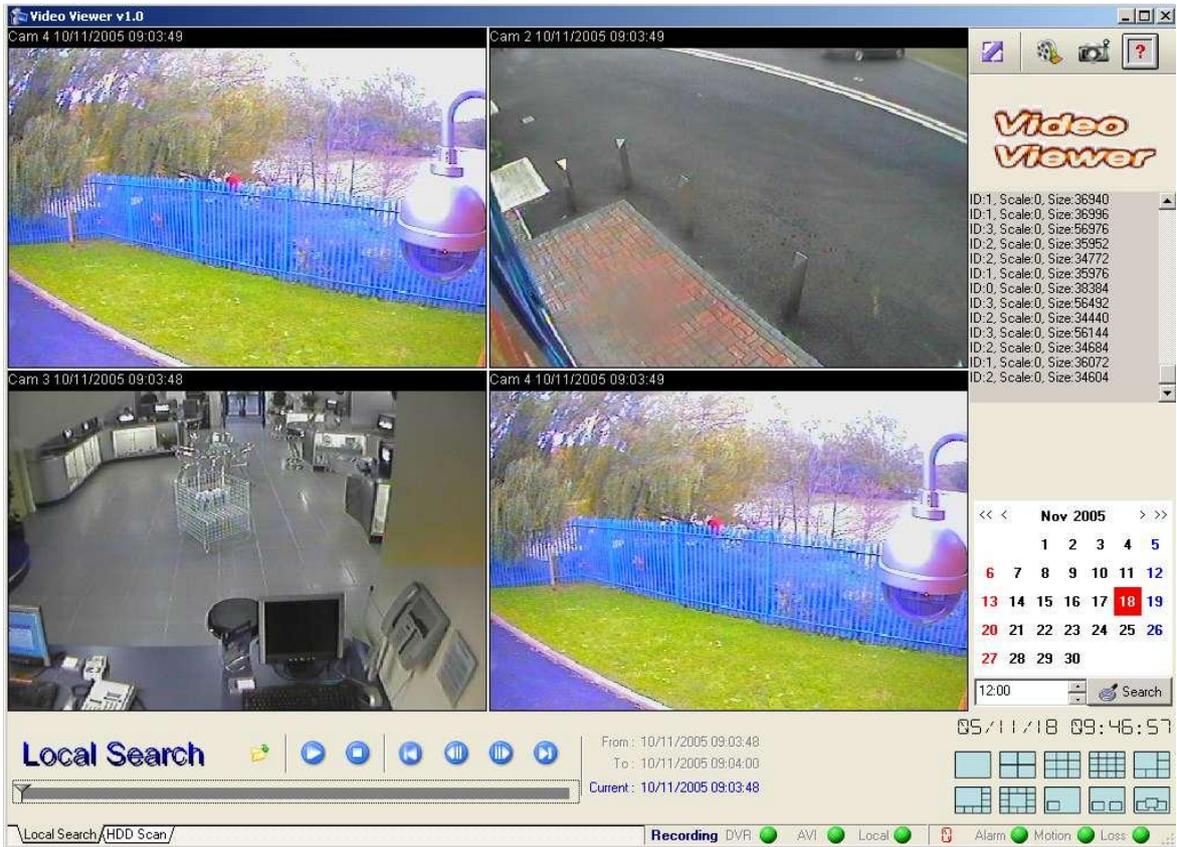


Camera Positions:

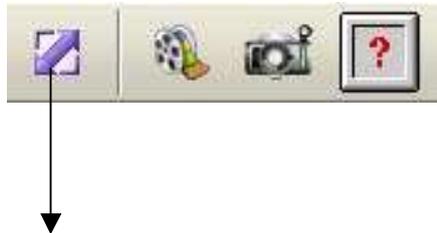
To change the image that is being displayed click the right mouse button on a image then choose 1~4 to display that cameras image in that position.



For example, using the right mouse button to bring up the menu select "4" to change to that camera.



Function Bar:



Settings:

- Video Format: **PAL** or NTSC
- Choose Codec: AVI encode format
- Show Watermark: Watermark function on or off.

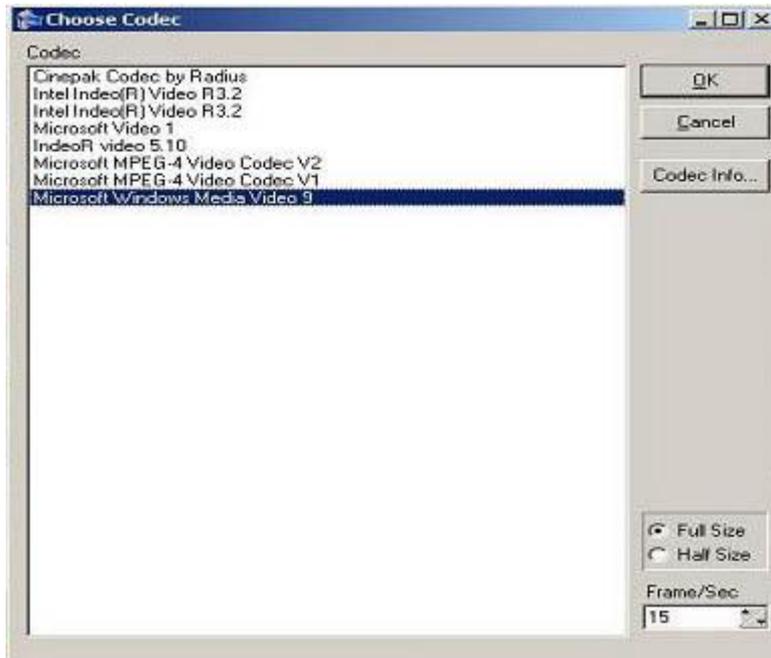


Video Format:

For UK use **PAL** format.



Choose Codec: File format



→ Confirm
→ Cancel
→ Information

NOTE:
The Microsoft Windows Media Video 9 is the plug-in Media Player Decoder software & not the Media Player Application.

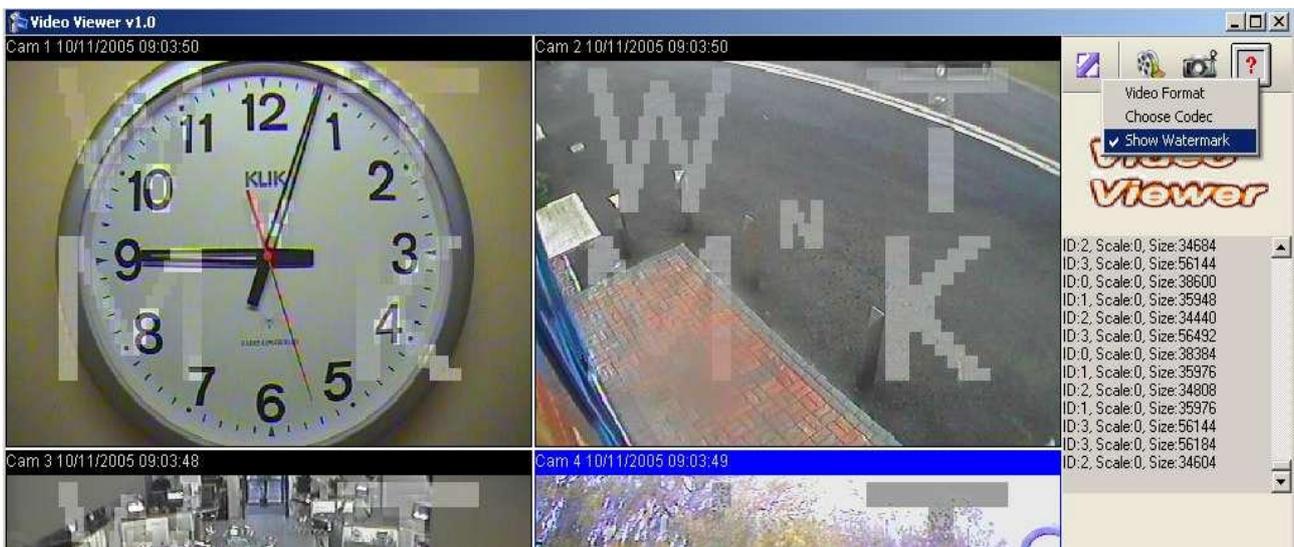
Half and Full screen select

→ and record frame rate 1 ~ 25

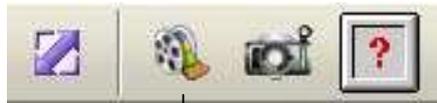
Note: Frame/Sec must be set to same as the DVR is recording, otherwise it may give unexpected results.

Show Watermark: Watermark function on or off.

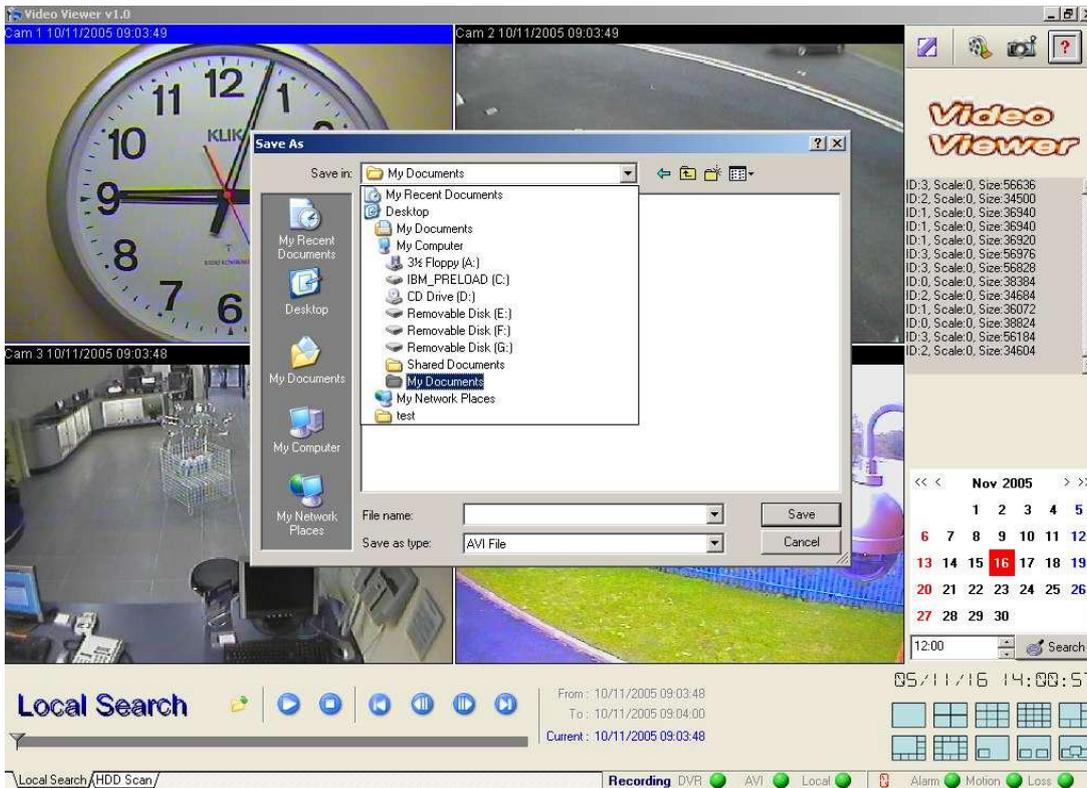
To check if file has been modified or not.



AVI file save:



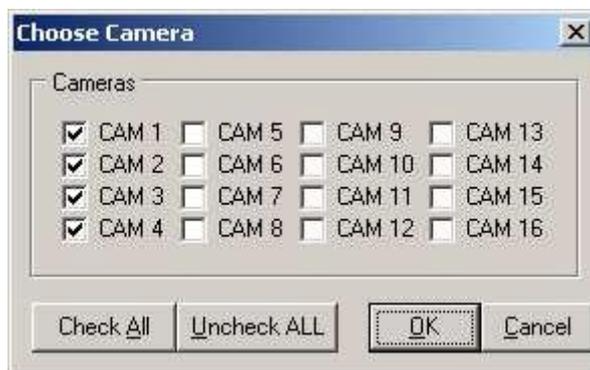
AVI button: AVI file save.

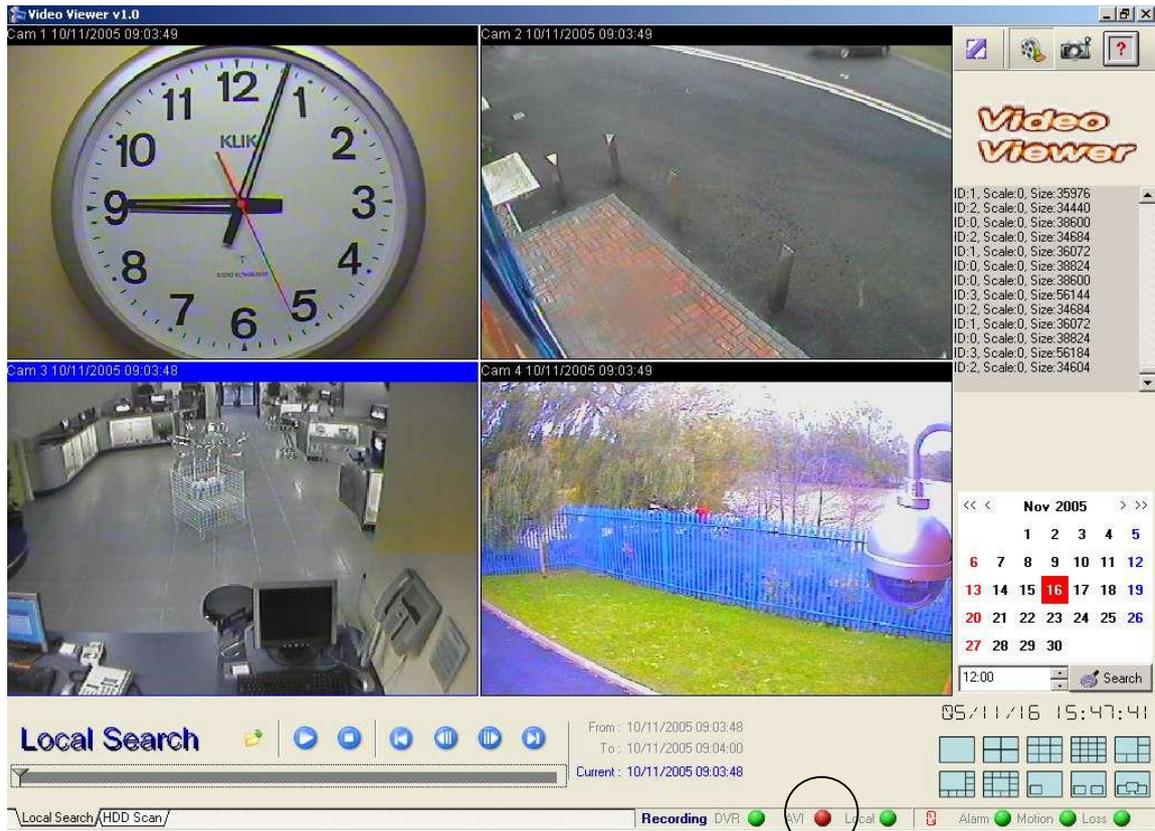


Choose Folder and type file name

Click save

Choose which Cameras you would like to save as AVI, click ok.





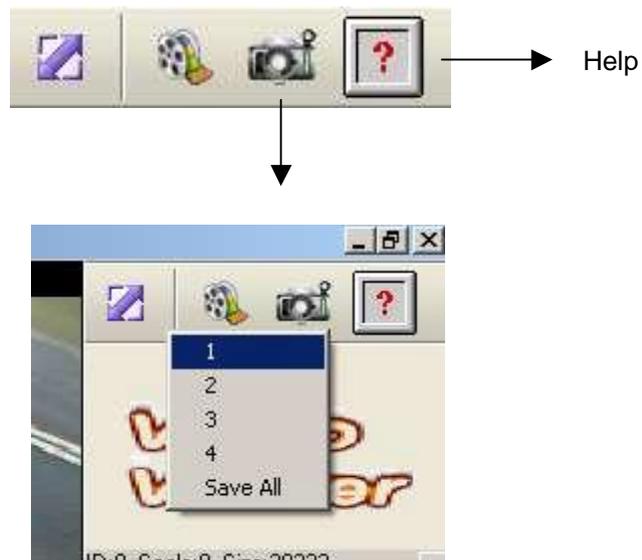
AVI red light on, record mode enabled

Once the AVI light has turned red click the play button to start recording.

Press the AVI Button  to stop recording.

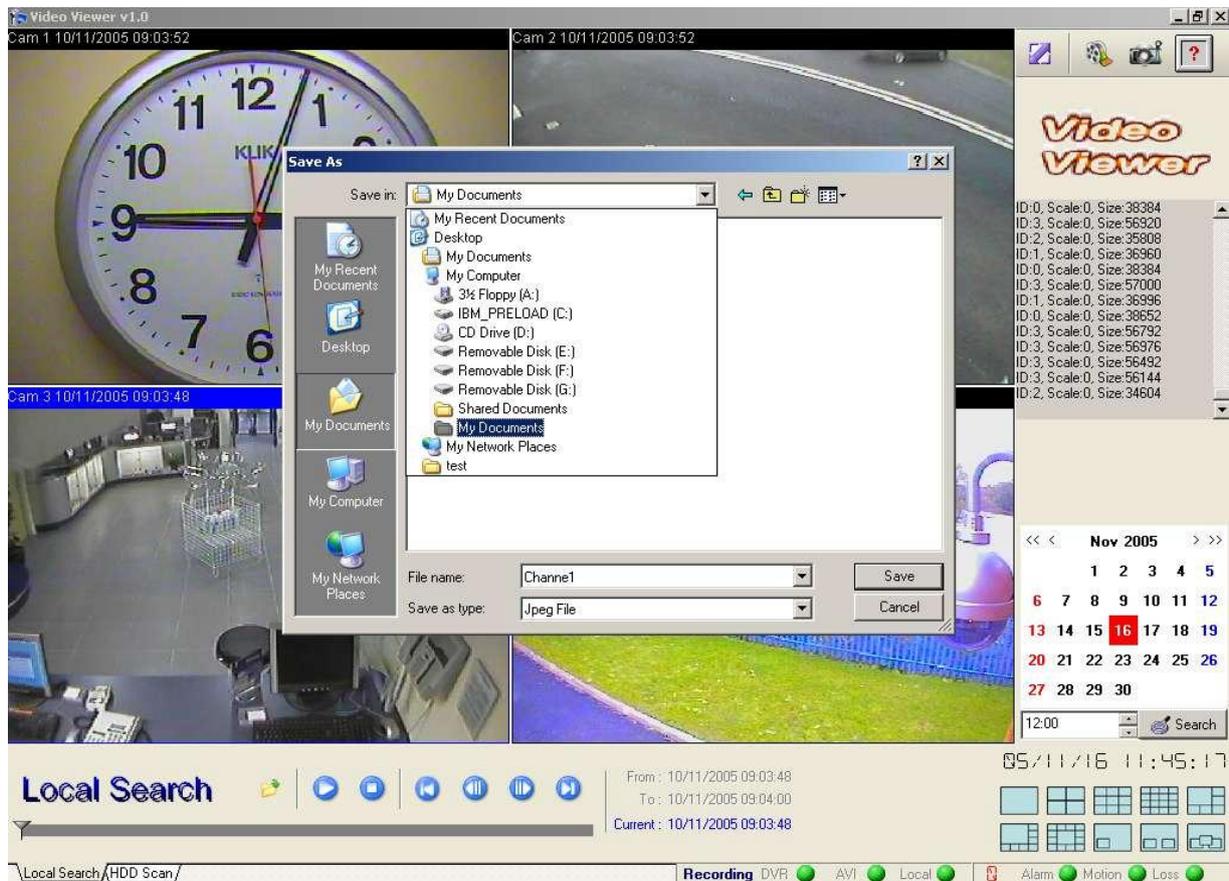
JPG file save:

Use this to save still images



Choose camera 1~4 or save all.

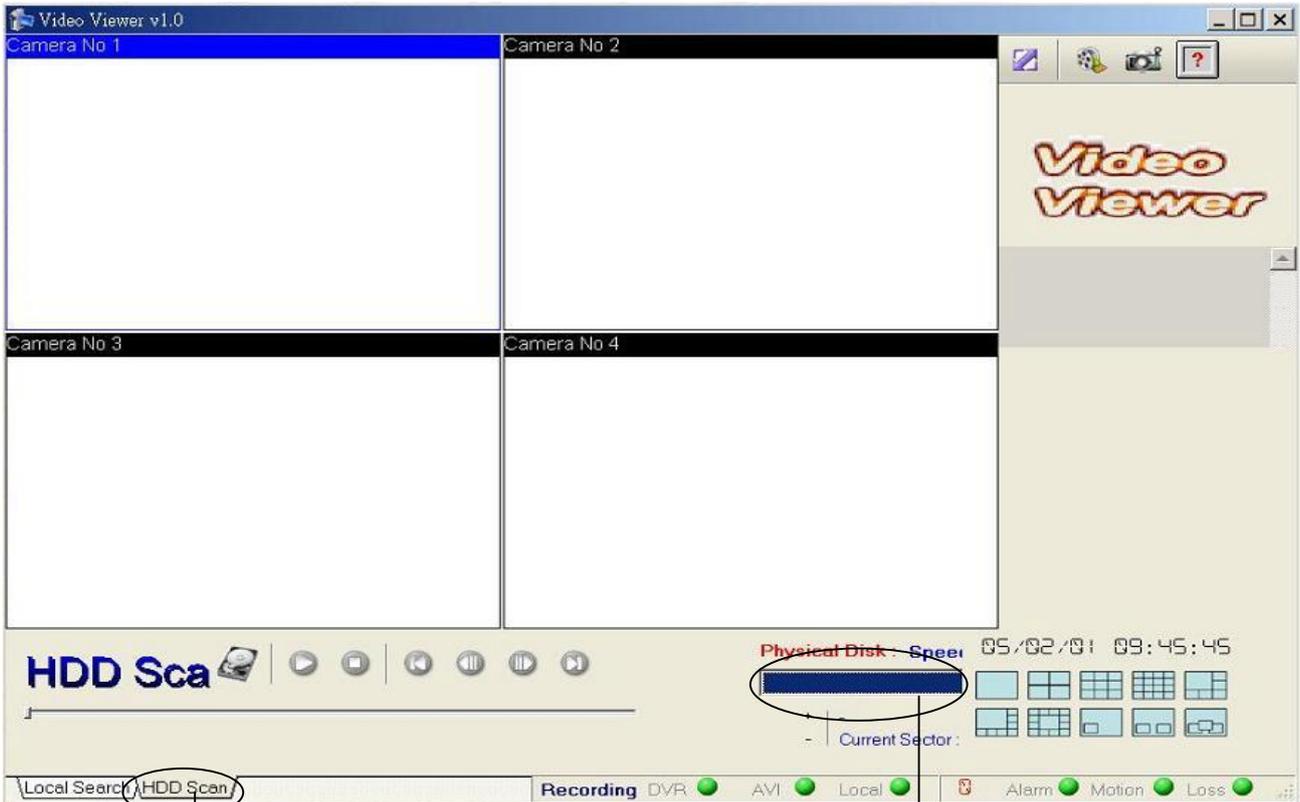
Choose folder and type in file name, click save.



Note: Single channel only, no saving quad pictures. Choosing 'save all' will save individual pictures.

Hard Disk Data Read

1. Take HDD out of DVR to a personal computer. Make sure hard disk in P.C is Master or Slave, switch Hard disk jumper to Master or Slave.
2. Power on computer. You do not need to setup BIOS, just login to windows system.



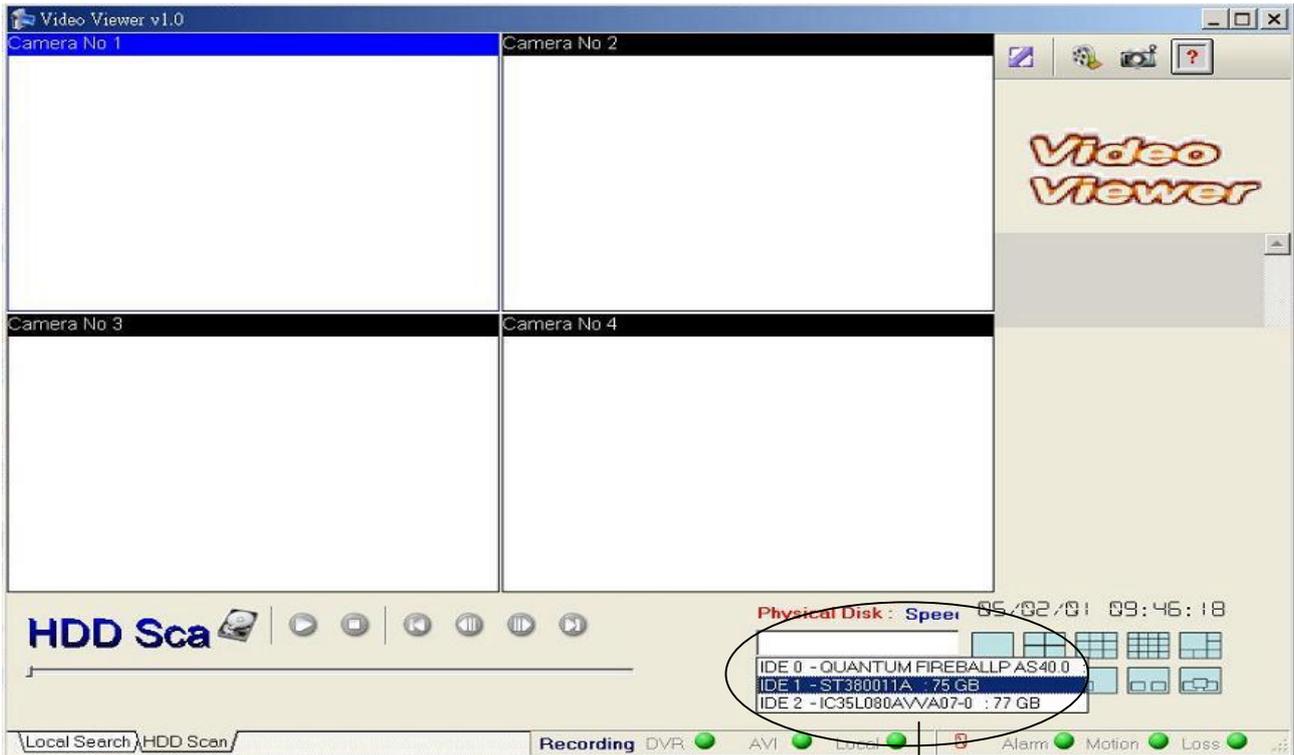
Left click mouse button

Click here for hard disk list.

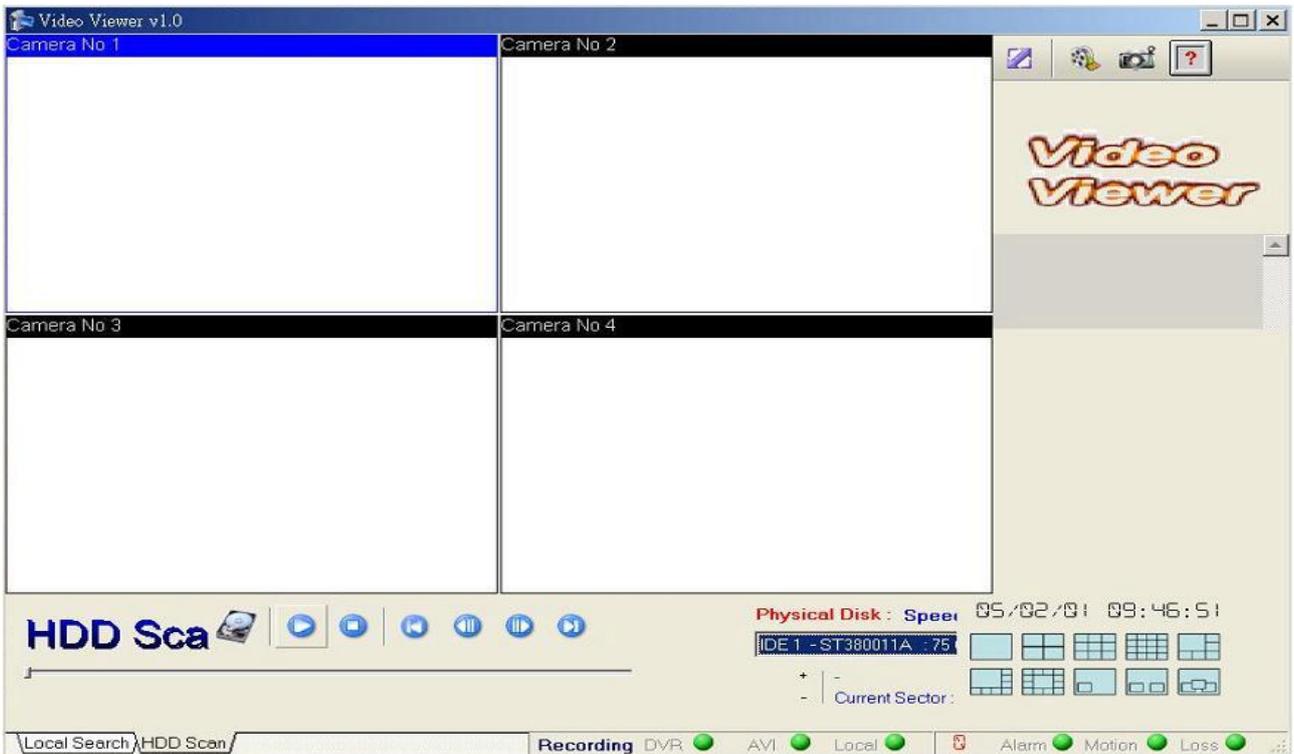
Click the correct DVR hard disk.

Data will not be lost if wrong HDD selected.

Hard Disk list on:



After selecting the correct hard disk, user can read data as per the previous instructions.



Record Time Table Record Quality LOW

	80Gb	160Gb	250Gb	300Gb	500Gb	600Gb
FPS						
100	21.7hrs	1.8dys	2.8dys	3.4dys	5.7dys	6.9dys
50	21.7hrs	1.8dys	2.8dys	3.4dys	5.7dys	6.9dys
25	1.8dys	3.6dys	5.6dys	6.8dys	11.3dys	13.6dys
12.5	3.6dys	7.3dys	11.4dys	13.7dys	22.8dys	27.4dys
8.33	5.4dys	10.9dys	17dys	20.4dys	1.1mths	1.3mths
5	11.1dys	22.2dys	1.1mths	1.3mths	2.2mths	2.6mths
3.13	18.5dys	1.1mths	1.8mths	2.2mths	3.7mths	4.4mths
2	26.4dys	1.7mths	2.6mths	3.2mths	5.3mths	6.4mths
1	1.7mths	3.4mths	5.4mths	6.5mths	10.8mths	1yr

Record Time Table Record Quality NORMAL

	80Gb	160Gb	250Gb	300Gb	500Gb	600Gb
FPS						
100	18.6hrs	1.5dys	2.4dys	2.9dys	4.8dys	5.8dys
50	18.6hrs	1.5dys	2.4dys	2.9dys	4.8dys	5.8dys
25	37hrs	3dys	4.8dys	5.7dys	9.6dys	11.5dys
12.5	3dys	6.1dys	9.6dys	11.5dys	19.2dys	23.1dys
8.33	4.6dys	9.2dys	14.4dys	17.3dys	28.9dys	1.1mth
5	9.2dys	18.5dys	28.9dys	1.1mth	1.8mth	2.2mth
3.13	15.4dys	30.8dys	1.5mth	1.8mth	3.1mth	3.7mth
2	23.1dys	1.4mth	2.3mth	2.8mth	4.6mth	5.6mth
1	1.4mth	2.9mth	4.6mth	5.6mth	9.3mth	11.2mth

Record Time Table Record Quality FINE

	80Gb	160Gb	250Gb	300Gb	500Gb	600Gb
FPS						
100	16.8hrs	33.6hrs	2.1dys	2.6dys	4.3dys	5.2dys
50	16.8hrs	33.6hrs	2.1dys	2.6dys	4.3dys	5.2dys
25	33.6hrs	2.8dys	4.3dys	5.2dys	8.7dys	10.5dys
12.5	2.8dys	5.6dys	8.7dys	10.5dys	17.5dys	21dys
8.33	4.2dys	8.4dys	13.1dys	15.8dys	26.3dys	1mth
5	8.3dys	16.6dys	26dys	1mth	1.6mth	2mth
3.13	14.4dys	28.9dys	1.4mth	1.7mth	2.9mth	3.5mth
2	20.8dys	1.3mth	2.1mth	2.5mth	4.2mth	5mth
1	42.1dys	2.7mth	4.2mth	5.1mth	8.5mth	10.2mth

Record Time Table Record Quality HIGH

	80Gb	160Gb	250Gb	300Gb	500Gb	600Gb
FPS						
100	15.4hrs	1.2dys	2dys	2.4dys	4dys	4.8dys
50	15.4hrs	1.2dys	2dys	2.4dys	4dys	4.8dys
25	1.2dys	2.5dys	4dys	4.8dys	8dys	9.6dys
12.5	1.9dys	5.1dys	8dys	9.6dys	16dys	19.2dys
8.33	3.8dys	7.6dys	11.9dys	14.3dys	23.9dys	28.7dys
5	7.7dys	15.5dys	24.2dys	29dys	1.5mth	1.8mth
3.13	12.8dys	25.6dys	1.2mth	1.5mth	2.5mth	3.1mth
2	19.2dys	1.2mth	1.9mth	2.3mth	3.8mth	4.6mth
1	1.2mth	2.5mth	3.9mth	4.6mth	7.8mth	9.3mth

Record Time Table Record Quality SUPER

	80Gb	160Gb	250Gb	300Gb	500Gb	600Gb
FPS						
100	11.4hrs	22.9hrs	1.4dys	1.7dys	2.9dys	3.5dys
50	11.4hrs	22.9hrs	1.4dys	1.7dys	2.9dys	3.5dys
25	23.1hrs	1.9dys	3dys	3.6dys	6dys	7.2dys
12.5	1.9dys	3.8dys	6dys	7.2dys	12dys	14.4dys
8.33	2.8dys	5.7dys	9dys	10.8dys	18.1dys	21.7dys
5	5.7dys	11.5dys	18dys	21.6dys	1.1mth	1.3mth
3.13	9.6dys	19.2dys	30.1dys	1.1mth	1.9mth	2.3mth
2	14.4dys	28.9dys	1.4mth	1.7mth	2.9mth	3.5mth
1	28.9dys	1.8mth	2.9mth	3.5mth	5.8mth	7mth

TROUBLE SHOOTING

TOP TIPS!

Q1. Although I have set the Record Mode to Schedule and have set the times for daily recording, the unit is still not recording?

A11. In order to initiate an event or schedule recording it is necessary to press the REC (Record) button on the front of the unit.

Q2. I am having trouble entering my password?

A2. When setting your own password you only have four numeric keys on the CCT715 to select from. You therefore can only use keys 1 – 4 for your password. This can be entered via the CCT715 or via the remote controller. **DO NOT USE 0 IN THE PASSWORD FIELD** as the software cannot recognize it. When you receive the CCT715 it will be set up as follows; ADMIN password 44444 (Factory Default) USER password 11111 (Factory Default) The Password has to be 5 characters long and you can not input less than this.

Q3. I am having trouble setting the audio on the CCT715?

A3. To set audio you need to access the Advanced Setup page and set RECORD AUDIO to ON. You then need to connect the audio input to the AUDIO IN phono socket on the back of the CCT715. During audio playback you need to press the ENTER/AUDIO on/off switch on the front of the CCT715.

Q4. I am having trouble finding the value changes buttons or the time search T-SRH button on the CCT715?

A4. The value changes buttons and the T-SRH buttons are located under the CCT715 flap on the front in the right hand bottom of the CCT715.

Q5. Is the data and time written to the compact flash card when copying an incident?

A5. Yes, the data and time is written to the compact flash card.

Q6. How long will a compact flash card run for?

A6. A 128 Mb card will capture approximately 4 minutes of data. A 512 Mb card will capture approximately 16 minutes.

Q7. What methods can I use to copy an incident?

A7. You can copy an incident to a Compact Flash card and record onto a VCR using the monitor out. If the C.F card is read through a reader connected to a P.C and the viewer software loaded, you

can playback the video sequence and save it to your P.C hard drive and then burn it to a disk.

Q8. In live and playback mode only some control buttons work?

A8. Check that the Key Lock button has not been pressed. If you press it twice, it will ask you to enter your admin or user password to unlock.

Q9. How do I set sequencing on the CCT715?

A9. Press the W.MARK/AUTO button on the front of the CCT715. This will start sequencing. To set the dwell time go into the MAIN SETUP page and then select SYSTEM SETUP. The DWELL INTERVAL in seconds can then be set. Press ESC to exit.

Q10. I wish to fit a second hard drive, is it straightforward?

A10. Yes. Fit the second hard drive as a slave. Details are included earlier in this manual. Now go into the Advanced Setup Page and select HDD FORMAT. This will erase all data on the original drive. Now select FACTORY DEFAULT. You will now need to update your settings for recording etc.

Q11. Although I have set the Record Mode to Schedule and have set the times for daily recording, the unit is still not recording.

A11. In order to initiate an event or schedule recording it is necessary to press the REC (Record) button on the front of the unit.

Q11. What are the jumper settings for the hard drives?

