COP SECURITY™
Professional CCTV

INSPIRE WHITE

DVR RANGE

USER MANUAL

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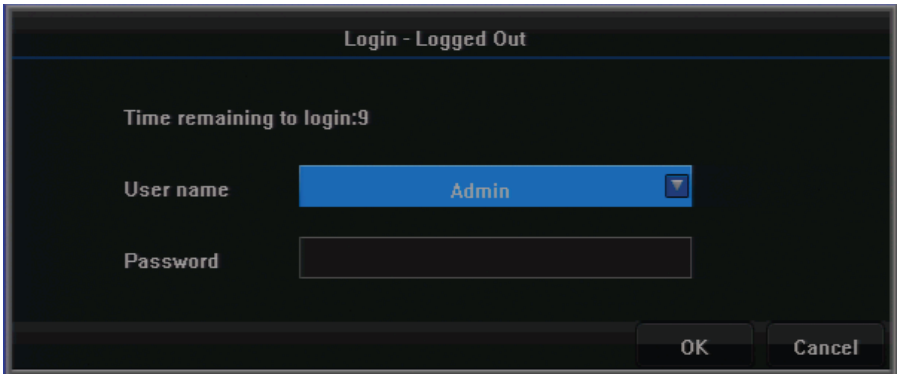
Logging into the DVR

A user may be required to login to the DVR to be able to use any of the features. To do this follow the procedure below:-

- Front panel — Press **Menu** button
  Enter password (Default 888888)
- Mouse — Right click
  click **Menu** Icon
  Enter password (Default 888888)
- IR Remote — Press **Menu** button
  Enter password (Default 888888)

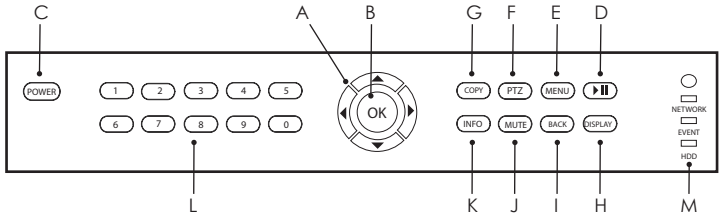


On the login screen you can change the user name that you wish to log in as, press OK and use up /down keys to select from the drop down box or the mouse to change selection.
The password can be entered by using the number keys on the front panel or the virtual keyboard using the mouse.
After entering the password press **OK** to log in.

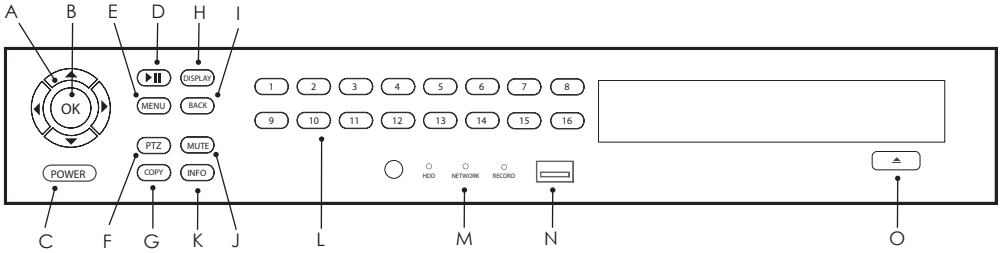
Using the front panel

The front panel functions are common for all types of Inspire DVR.

04-WhiteHD



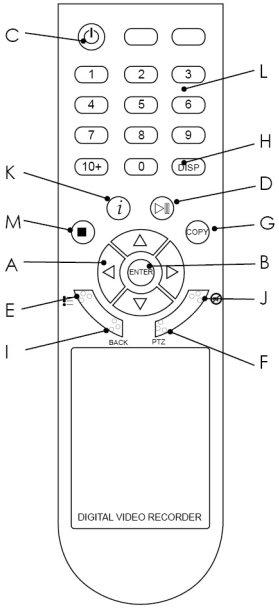
08-WhiteHD and 16-WhiteHD



A.	Navigation buttons	Move around menu screen, control PTZ cameras
B.	OK button	Confirm and accept options
C.	Power button	Switch on / off DVR (requires password)
D.	Play & pause button	Playback and pause recorded video
E.	Menu button	Access engineer menu (requires password)
F.	PTZ button	Enable / disable PTZ mode
G.	Copy button	Access the copy menu
H.	Display button	Change the format of the main display
I.	Back button	Go back one step in menu or stop playback
J.	Mute button	Mute / enable audio & mute alarm
K.	Info button	Display installer information
L.	Number buttons	Select individual channels
M.	Information lights	Display status of HDD, Network, Event
N.	USB port	Mouse or copy device(plus versions only)
O.	CD-DVD eject	Open CD-DVD tray (plus versions only)

Using infrared remote

The IR remote functions are common for all types of Inspire DVR.



A.	Navigation buttons	Move around menu screen, control PTZ cameras
B.	OK button	Confirm and accept options
C.	Power button	Switch on / off DVR (requires password)
D.	Play & pause button	Playback and pause recorded video
E.	Menu button	Access engineer menu (requires password)
F.	PTZ button	Enable / disable PTZ mode
G.	Copy button	Access the copy menu
H.	Display button	Change the format of the main display
I.	Back button	Go back one step in menu or function
J.	Mute button	Mute / enable audio & mute alarm
K.	Info button	Display installer information
L.	Number buttons	Select individual channels
M.	Stop button	Stop playback of recorded video

Using a mouse

The mouse functions are common for all types of Inspire DVR. A mouse can be used to control all functions of the DVR.

A.	Left mouse button	Double click to zoom to full screen
B.	Right mouse button	Display mouse tool bar (requires password)

Mouse tool bar

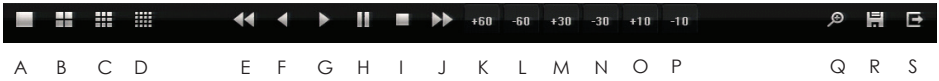
A. Access engineer menu
B. Access playback menu
C. Access the copy menu
D. Audio on/off / mute alarm
E. Digital zoom
F. Enable / disable PTZ mode
G. Display installer information
H. Take Snapshot
I. Display single channel full screen
J. Display 4 channels
K. Display 6 channels (8 and 16 channel DVR only)
L. Display 8 channels (8 and 16 channel DVR only)
M. Display 9 channels (8 and 16 channel DVR only)
N. Display 10 channels (16 channel DVR only)
O. Display 13 channels (16 channel DVR only)
P. Display 16 channels (16 channel DVR only)
Q. Start sequence display

In PTZ mode the mouse can also be used to control the movement of the PTZ camera.

Mouse Playback Toolbar

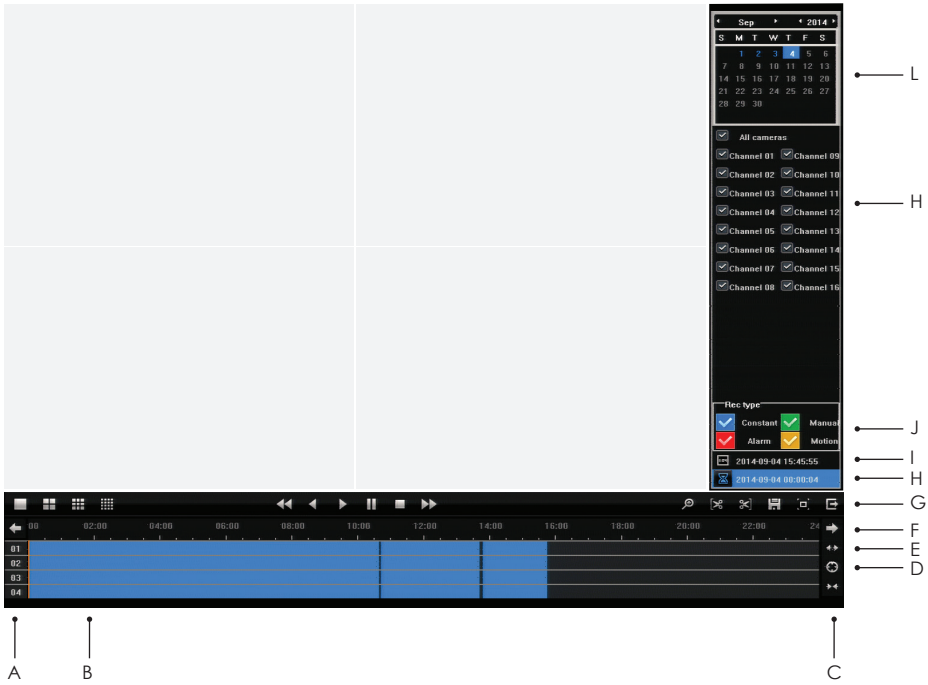
There are two types of mouse playback toolbars available, Basic and Timebar.

Basic mouse toolbar



A. Switch to single channel view
B. Switch to 4 channel view
C. Switch to 9 channel view
D. Switch to 16 channel view
E. Decrease playback speed
F. Change playback direction to backward
G. Change playback direction to forward
H. Pause/Play
I. Stop playback
J. Increase playback speed
K. Move forward 60 minutes
L. Move backward 60 minutes
M. Move forward 30 minutes
N. Move backward 30 minutes
O. Move forward 10 minutes
P. Move backward 10 minutes
Q. Enter digital zoom mode
R. Copy video
S. Exit playback

Timebar



A. Channel number
B. Playback area (double click to switch playback to this time)
C. Zoom out time bar
D. Restore time bar to 24 hour
E. Zoom in time bar
F. Navigate across time bar
G. Switch to full screen video
H. Input specific playback time and date
I. Current playback time
J. Select record types to display in time bar
K. Select cameras to playback
L. Select date to search

Live View

To change the multiscreen view on the display press the "Display" key. Pressing the display key multiple times will cycle through all the available screen layouts. If using the USB mouse right click the mouse button and select the desired multiscreen view from the mouse menu.

To bring up a camera full screen:

DVR Front Panel
Press desired camera number key

Infra Red Remote
Press desired camera number key

Mouse
Using left mouse button double click the desired camera channel or right click to display multiscreen view.

Using the USB mouse the layout of the multiscreen views can be altered. To move a camera channel to a different location on screen, click the left mouse button on desired camera and hold the button down. Drag the camera to another location and release left mouse button. The camera channel will now move to the desired location. If another camera channel was already in the desired screen location the two camera channels will simply swap places.

To enter digital zoom:

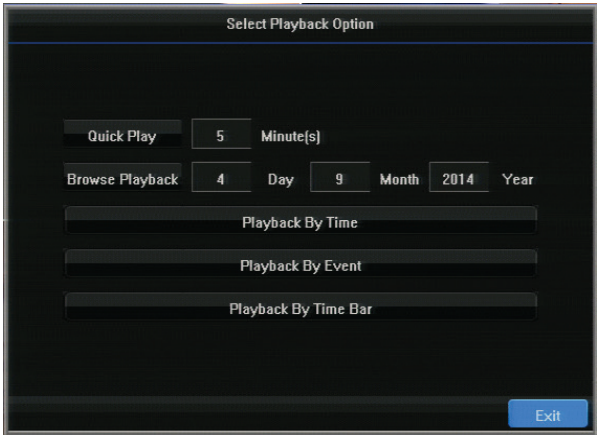
DVR Front Panel
In multiscreen use **Arrow** keys to select desired camera, press **OK** key to enter digital zoom mode. Use **Arrow** keys to move around screen. To exit digital zoom mode press **Back** key.
In single screen view press **OK** key to enter digital zoom

Infra Red Remote
In multiscreen use **Arrow** keys to select desired camera, press **OK** key to enter digital zoom mode. Use **Arrow** keys to move around screen. To exit digital zoom mode press **Back** key.
In single screen view press **OK** key to enter digital zoom

Mouse
In multiscreen view mode click **Left** mouse button to select camera then click **Digital Zoom** button on mouse tool bar.
In single screen view click **Digital Zoom** button on mouse tool bar.
Click **Left** mouse button and hold to move to different area of the screen.

Playback

To enter the playback menu press the "Play/Pause" button on the DVR front panel or IR remote. If using USB mouse right click to display the mouse toolbar and click the "Play" button.



There are five playback modes available on the Inspire White range of DVRs.

Quickplay Quickly playback from a short time ago by inputting the amount of minutes to playback from. Quickplay can playback from 1 minute to 99 minutes.

Browse Playback Browse playback is designed for playing back a specific date from midnight and quickly navigating between hours.

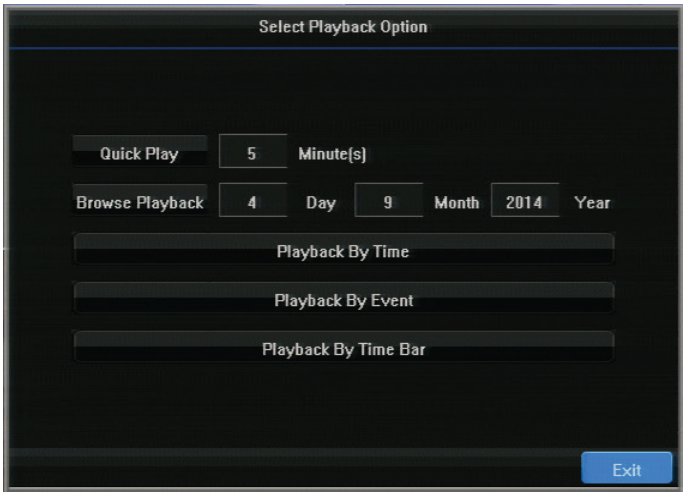
Playback by Time Use playback by time to playback a specific date and time

Playback by Event Search the DVR event log for all events occurring between a specific time range. Event results will be displayed in a list with an option to playback.

Playback by Time Bar Time bar playback displays a much more advanced interface for reviewing footage. This option is only available when using a USB mouse and will not appear in the playback menu if a USB mouse is not being used.

Quickplay

The quickplay feature is a playback method designed to make playing back footage from a short time ago faster.



The default setting for quickplay is 5 minutes, this can be changed from 1-99. If the minutes are changed the DVR will remember this setting until a power off has occurred.

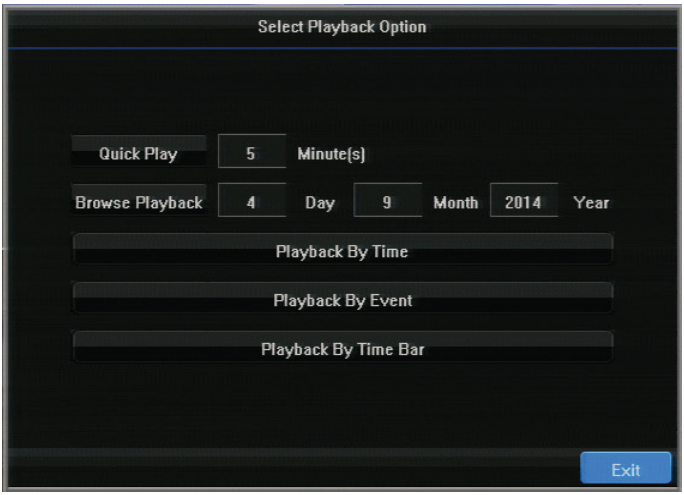
Front panel
Use **Up** and **Down** arrow keys to navigate to the playback option.
Press **Right** arrow key to select minutes option.
Input desired amount of minutes using number keys.
Press **Left** arrow key to highlight Quickplay button.
Press **OK** key to start playback.

Mouse
Click **minutes** box to bring up virtual keyboard.
Use virtual keyboard to input desired amount of minutes.
Click **Quickplay** button to start playback

IR Remote
Use **Up** and **Down** arrow keys to navigate to the playback option.
Press **Right** arrow key to select minutes option.
Input desired amount of minutes using number keys.
Press **Left** arrow key to highlight Quickplay button.
Press **OK** key to start playback.

Browse Playback

The browse playback feature will playback from midnight on a chosen date.



The default setting for browse playback is the current date. If the date is changed the DVR will remember this setting until a power off has occurred.

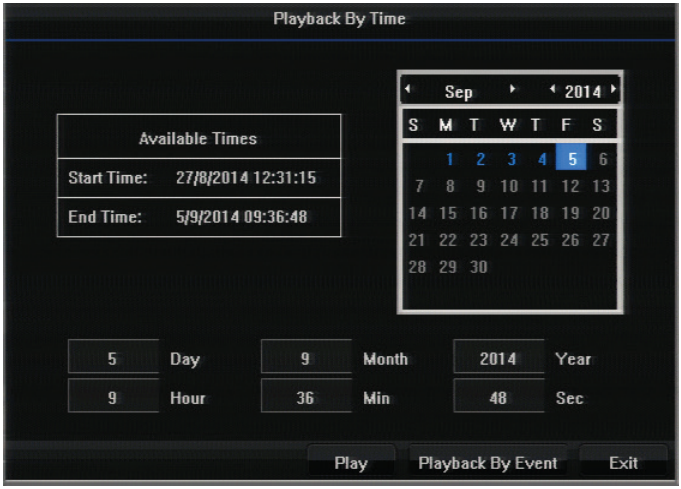
Front panel
Use **Up** and **Down** arrow keys to navigate to the playback option.
Press **Right** arrow key to select day, month or year option.
Input desired day, month, year using number keys.
Press **Left** arrow key to highlight Browse playback button.
Press **OK** key to start playback.

IR Remote
Use **Up** and **Down** arrow keys to navigate to the playback option.
Press **Right** arrow key to select day, month or year option.
Input desired day, month, year using number keys.
Press **Left** arrow key to highlight Browse playback button.
Press **OK** key to start playback.

Mouse
Click **day, month or year** box to bring up virtual keyboard.
Use vitural keyboard to input desired date.
Click **Browse playback** button to start playback.

Playback by Time

The Playback by Time feature can be used to playback a specific time and date.



The default setting for playback by time is the current date. If the date is changed the DVR will remember this setting until a power off has occurred.

DVR Front Panel

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired time and date
Highlight **Play** button and press **OK** to playback time

Infra Red Remote

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired time and date
Highlight **Play** button and press **OK** to playback time

Mouse

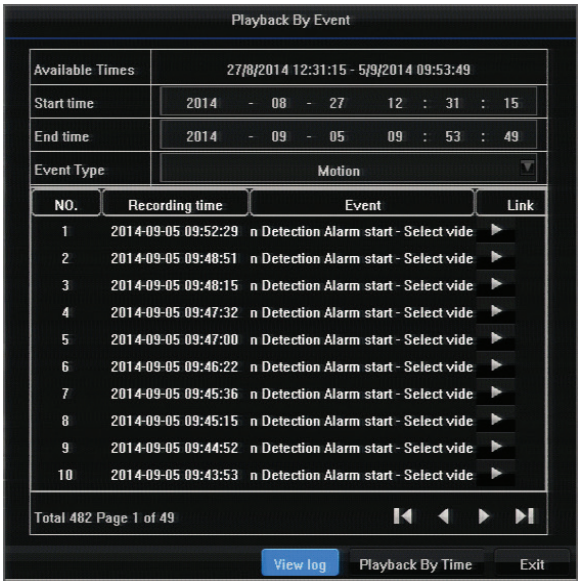
Click **time and date** boxes to bring up virtual keyboard.
Use vitural keyboard to input desired date and time.
Click **Play** button to start playback.

Available Times

Displays the available times stored on the hard drives.
Start Time is the earliest date and time stored on the hard drives.
End Time is the latest date and time stored on the hard drives.

Playback by Event

The Playback by Event feature will list events such as Motion detect, Video loss and Alarm input triggers recorded on the DVR.



DVR Front Panel

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired start and end time to search
Press **OK** key on **Event Type** to display drop down list
Select which **Event Type** to search and click **OK**
Use **Arrow** keys to highlight **View Log**
Press **OK** key to display results
Use **Up and Down Arrow** keys to highlight individual event file
Use **Left and Right Arrow** keys to change page
With file highlighted press **OK** key to play

Infra Red Remote

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired start and end time to search
Press **OK** key on **Event Type** to display drop down list
Select which **Event Type** to search and click **OK**
Use **Arrow** keys to highlight **View Log**
Press **OK** key to display results
Use **Arrow** keys to highlight individual event file
Use **Left and Right Arrow** keys to change page
With file highlighted press **OK** key to play

Mouse

Click **time and date** boxes to bring up virtual keyboard.
Use vitural keyboard to input desired start and end times
Click **Event Type** option to select event type to search.
Click **View Log** button to display results.
Double click **Left** mouse button on event file to playback.
Use **Arrow** buttons on bottom of search window to change page

Search Options

Available Times
Displays the available times stored on the hard drives. Start Time is the earliest date and time stored on the hard drives. End Time is the latest date and time stored on the hard drives.

Event Type
The type of event to display in the event list. Options are Motion, Alarm or Video Loss

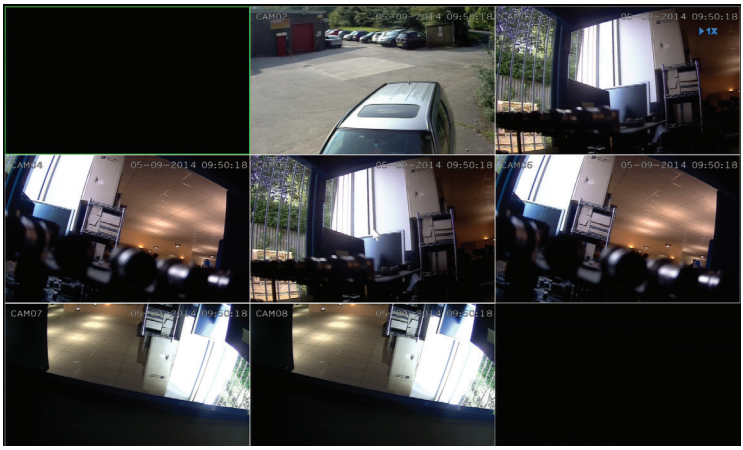
Playback by Timebar

The Playback by Timebar option is a more advanced option for reviewing recordings. To use this playback function a USB mouse must be used and the Playback by Timebar option selected from the playback menu.

For more information on the playback by timebar mouse controls see page 9.

Playback Control

To control the various playback functions, you can use the following steps:



DVR Front Panel

Press **Arrow** keys to change playback speed and direction.
Press **Display** keys to cycle through multiscreen views
Press **Number** keys to display channel full screen
With video paused press **Left** and **Right** arrow buttons to step by frame
When in full screen on single camera press **OK** key to enter digital zoom
Press **Copy** key to copy current position in playback to an external device.
Press **Back** key to exit playback.

Infra Red Remote

Press **Arrow** keys to change playback speed and direction.
Press **Display** keys to cycle through multiscreen views
Press **Number** keys to display channel full screen
With video paused press **Left** and **Right** arrow buttons to step by frame
When in full screen on single camera press **OK** key to enter digital zoom
Press **Copy** key to copy current position in playback to an external device.
Press **Back** key to exit playback.

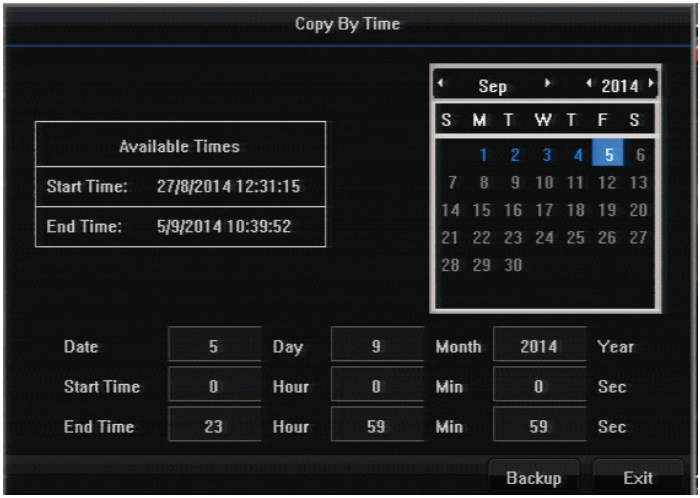
Mouse

Right click to display mouse menu.
Double **Left** click camera channel to display full screen.
Double **Left** click mouse again to return to multiscreen.

Copy to CD/DVD or USB

The DVR is capable of copying recorded footage to the internal CD/DVD or to a USB memory stick, HDD or external CD/DVD writer.

Copy by Time



DVR Front Panel

Press **Arrow** keys to navigate menu
Use **Number** keys to input desired date
Use **Number** keys to inputs time range to copy in **Start** and **End** time fields.
Highlight **Backup** button and press **OK** to proceed to the next step.

Infra Red Remote

Press **Arrow** keys to navigate menu
Use **Number** keys to input desired date
Use **Number** keys to inputs time range to copy in **Start** and **End** time fields.
Highlight **Backup** button and press **OK** to proceed to the next step.

Mouse

Click **time and date** boxes to bring up virtual keyboard.
Use vitural keyboard to input desired time range to copy.
Click **Backup** button to proceed to the next step.

Copy by Event

DVR Front Panel

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired start and end time to search
Press **OK** key on **Event Type** to display drop down list
Select which **Event Type** to search and click **OK**
Use **Arrow** keys to highlight **View Log**
Press **OK** key to display results
Use **Up and Down Arrow** keys to highlight individual event file
Use **Left and Right Arrow** keys to change page
With file highlighted press **OK** key to select for copying.
With all desired files selected highlight **Backup** button and press **OK** to proceed to the next step.

Infra Red Remote

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired start and end time to search
Press **OK** key on **Event Type** to display drop down list
Select which **Event Type** to search and click **OK**
Use **Arrow** keys to highlight **View Log**
Press **OK** key to display results
Use **Up and Down Arrow** keys to highlight individual event file
Use **Left and Right Arrow** keys to change page
With file highlighted press **OK** key to select for copying.
With all desired files selected highlight **Backup** button and press **OK** to proceed to the next step.

Mouse

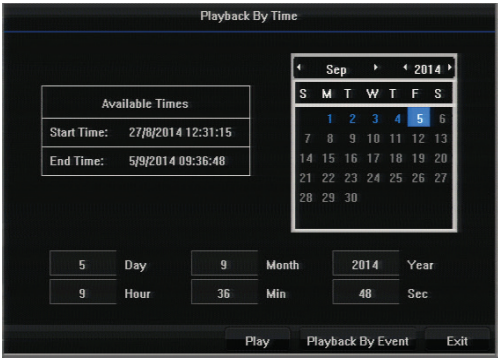
Click **time and date** boxes to bring up virtual keyboard.
Use vitural keyboard to input desired start and end times
Click **Event Type** option to select event type to search.
Click **View Log** button to display results.
Click **Left** mouse button on event file to mark for copying.
Use **Arrow** buttons on bottom of search window to change page.
With all desired files selected click **Backup** button to proceed to the next step.

Search Options

Available Times
Displays the available times stored on the hard drives. Start Time is the earliest date and time stored on the hard drives. End Time is the latest date and time stored on the hard drives.

Event Type
The type of event to display in the event list. Options are Motion, Alarm or Video Loss

Copy by Playback



DVR Front Panel

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired time and date
Highlight **Play** button and press **OK** to playback time
Press **Copy** key to automatically add the current playback position for copying.

Infra Red Remote

Press **Arrow** keys to navigate menu
Press **Number** keys to input desired time and date
Highlight **Play** button and press **OK** to playback time
Press **Copy** button to automatically add the current playback position for copying.

Mouse

Click **time and date** boxes to bring up virtual keyboard.
Use vitural keyboard to input desired date and time.
Click **Play** button to start playback.
Select **Copy** option to automatically add the current playback position for copying.

Starting the Copy

Multiple time ranges can be added to the list and copied at the same time.

DVR Front Panel

Press **Arrow** keys to navigate menu
Select device to copy to (use **Arrow** keys and **OK** key)
Select file type (use **Arrow** keys and **OK** key)
Select desired cameras to copy (use **Arrow** keys and **OK** key)
Highlight **Copy** button and press **OK** to start the copy

Infra Red Remote

Press **Arrow** keys to navigate menu
Select device to copy to (use **Arrow** keys and **OK** key)
Select file type (use **Arrow** keys and **OK** key)
Select desired cameras to copy (use **Arrow** keys and **OK** key)
Highlight **Copy** button and press **OK** to start the copy

Mouse

Select device to copy to
Select file type
Select desired camera to copy
Click **Copy** button to start the copy

Copy Options

Device

Select whether backing up to Disk or USB media

File Type

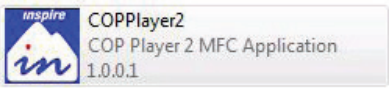
This is the stream type. "Main Stream (AVI) is the HD stream, each camera backed up will be individual which means each camera has to be played back seperately on a PC. "Sub Stream (COP)" is a DVD quality stream, all cameras are contained in one file and can be viewed at the same time using the Cop Player 2 software.

Copy Player	This option will only appear when performing a Sub Stream backup, you choose whether to copy the Cop Player 2 software or not.
Select Camera	Select which camera to copy
NO.	Position number of the copy entries in the queue.
Start Time	The time the copy will start for each copy entry in the queue
End Time	The end the copy will start for each copy entry in the queue
Size	This is the individual size of each copy entry in the queue
Selection Box	Selects whether or not the entry should be included the copy
Add	Add another time range to the copy queue
Delete	Delete copy entry from the queue
Erase	Format the copy device
Copy	Start the copy

Using COP player 2 software

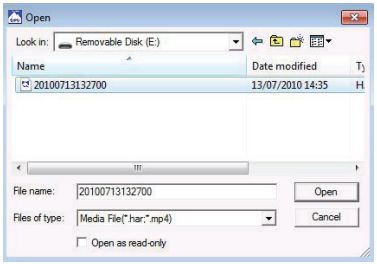
When making a backup to CD/DVD or via USB media if the file format chosen is Cop then the Cop Player 2 software is vital in order to playback the recordings.

After inserting the disk or USB media containing the copied recordings into a PC double click the Cop Player 2 icon. This will run the Cop Player 2 software.

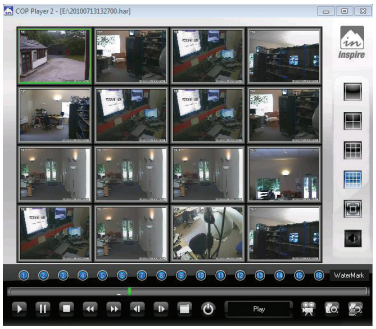


To open a file containing recordings click on the Open File icon

Click on the file that you wish to playback and then click Open



The Cop player software will now open and display the selected video file.

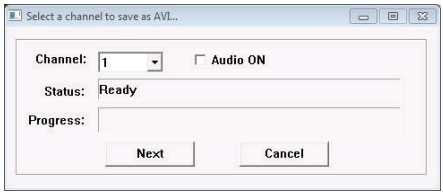


To bring a camera up full-screen, double click on desired camera or use the full-screen icon on the right hand side of the viewer.

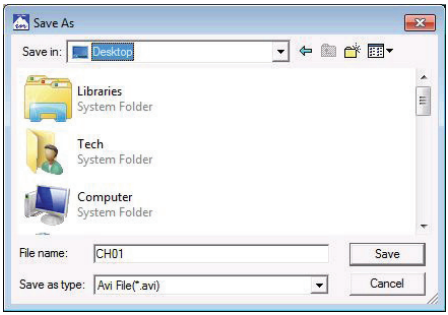
If required, the recordings can be converted to AVI format, this will enable them to be played back in most viewing applications such as Windows Media Player.

To do this click on the video camera icon at the bottom of the viewer.

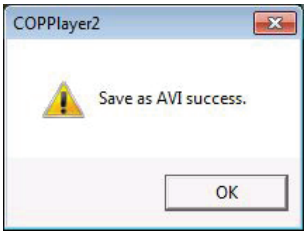
Select the camera channel you would like to convert and if you wish to include audio. Then click next.



When prompted, select a destination for the new AVI file to be saved.



The AVI window will disappear and once the AVI conversion is complete the viewer will display a window to confirm it was completed successfully.



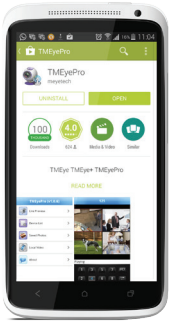
There are also options to save a Snap Shot or Print Image in the bottom right of the viewer.

Smartphone viewing setup

All Inspire DVRs can be viewed on smartphones if they are connected to the internet.

Requirements
Apple iPhone /iPad or smartphones using Android operating system
GPRS, 3G or Wi-fi connection
DVR connected to the internet
Access to phone App store

Connecting
Connect the DVR to the internet.



Install application
Using the smartphone connect to your phones app store/market place.

iPhone/iPad
Search for TMeye+, download and install this application (it's free).

Android
Search for TMeyePro, download and install this application (it's free).

- Once installed run the application and add your DVR settings
- Click connect to connect the DVR

Smartphone viewing

Viewing the DVR
This guide shows how to connect using an Android smartphone, but all smartphone apps require the same information to connect to the DVR.

Start TMeye App
Press Settings button

Start App

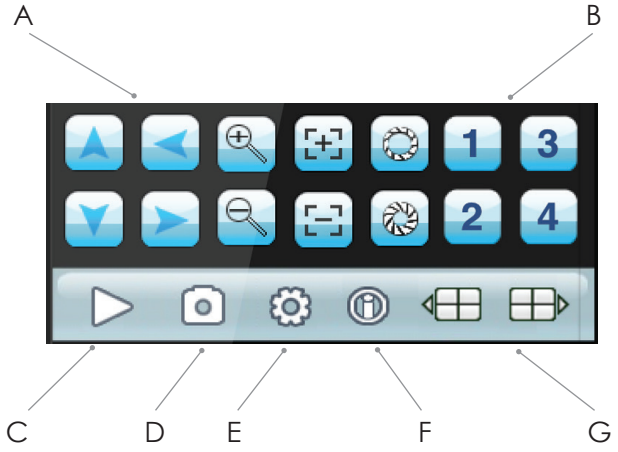
Press Settings

Click Add
Enter device name (for your reference)
Enter the IP address of the DVR in to Address: (example 84.92.95.178)
Enter the mobile port number in to PORT: **7050** (this is the DVR default)
Enter a user ID and password
Default user ID: **Admin** (case sensitive)
Default password: **888888**
Press Save and you DVR settings will be saved

Click DVR on device list
Select camera to view

On the free applications, you can only view live images one channel at a time.

Application Controls



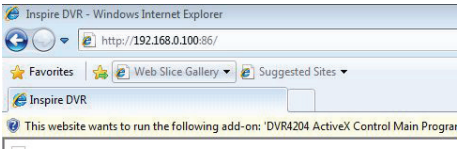
A. PTZ control
B. Select channel to view
C. Start live view
D. Take a snapshot
E. Settings
F. App information
G. View next/previous channels

Connecting via PC

Note: Viewing on a Apple Mac currently not supported.

Connecting via Windows PC
To start, open up Internet Explorer and type the DVR IP address into the address bar and press enter. (e.g. http://192.168.0.100)

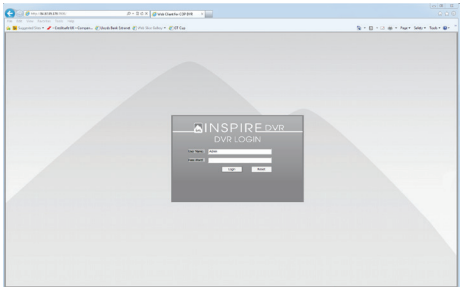
When connecting to the DVR for the first time, installation of the DVR Activex control is required. Usually a pop-up bar will appear.



Right click on the pop-up bar and choose install.

Note: Depending on internet explorer security settings the ActiveX control may not install, for further advice contact your network administrator.

Once the ActiveX is installed correctly the user should be presented by the Inspire Log On screen.



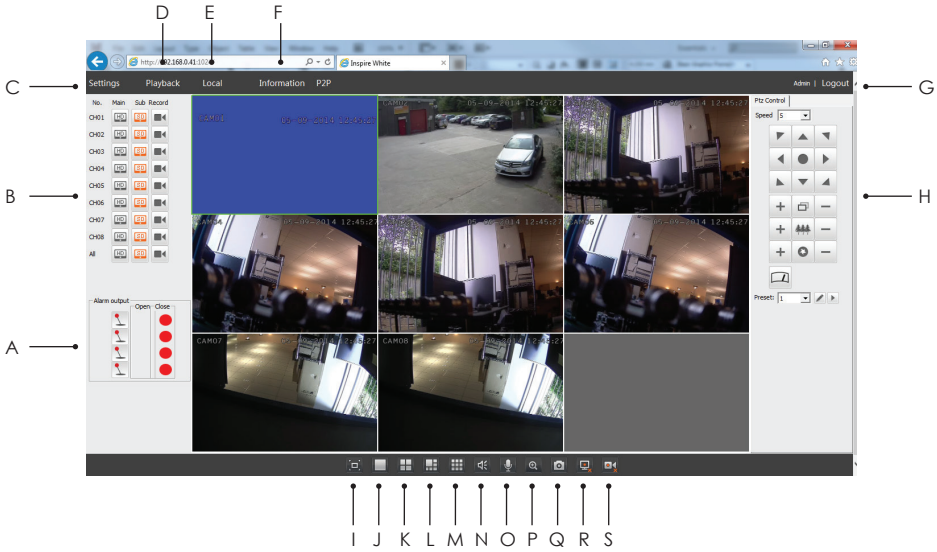
To log in the user must type both their Username and Password into the required fields.

Note: Default Username is Admin (case sensitive)
Default Password is 888888

Once the required fields have been entered click login button.

Live Images

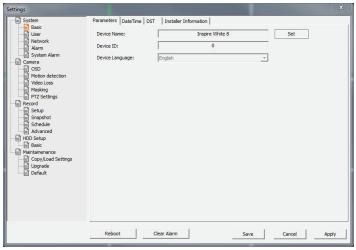
Once logged into the DVR the user will be presented with the live images screen.



A. Relay Control
B. Camera & Stream Type Selection
C. Settings
D. Playback
E. Local Settings
F. Information
G. Logout
H. PTZ Control
I. Switch to full screen
J. Single channel view
K. 4 channel view
L. 8 channel view
M. 16 channel view
N. Audio on/off
O. Talkback on/off
P. Digital Zoom
Q. Take Snapshot
R. Close stream
S. Stop local record

DVR settings

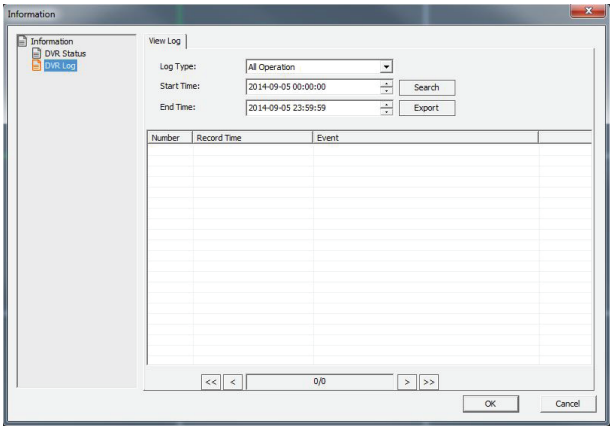
The device parameters feature allows the user to change settings that are saved on the DVR such as record settings, event settings and more.



DVR log

The DVR keeps a log of events such as illegal power downs, motion detection events, alarm input triggers and more.

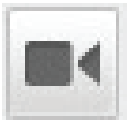
The user can search for specific times or type of events using the options at the top of the window.



The log can also be exported to the remote PC as a html file. This enables the user to be able to copy the log to a removable device or even email it.
Note: Searching the full or large sections of the log may take several minutes dependant on amount of event entries.

Local record over network

If, when viewing the camera images over the network the user would like to save the live stream to the PC, the user can use the Local Record feature.

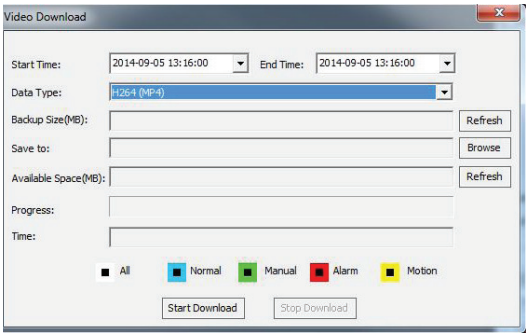


To use Local Record click the Local Record button, the destination path and duration of the file can be set in the Local options. Local Record can be stopped at any time by clicking the Stop Local Record button.

Note: Local record files are saved as .mp4 files and can be played back in standard media player software.

Copy over network

If there are recordings on the DVR HDD(s) that need to be retrieved remotely this can be done using the copy feature.



To use the copy feature:

Enter playback mode
Select camera, date and click "Query"

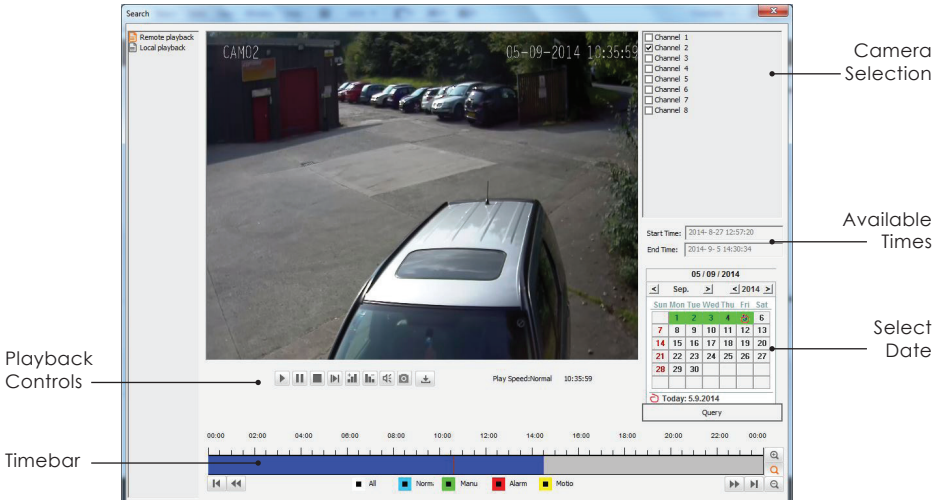
Click the icon

Enter required start and end times
Click "Refresh" to estimate file size
Click "Browse" to choose a location to save the file to.
Click **Start Download** to start the remote copy.

Full administrator rights may be required and UAC (User Account Control) must be disabled when copying over a network.

Playback over network

The viewing of recordings stored on the DVR HDD(s) can be done using the Playback feature.



To playback images select a camera to play from the camera selection panel. Select a date from the calendar, Highlighted dates indicates that there is recorded footage available, no highlight indicates there is no recordings available. Once the date is selected click "Query", the time bar should now populate.

Double click a time in the time bar to play it.

The colour of the time bar indicates the type of record available.

Blue Continuous recording
Red Alarm input recording
Yellow Motion detection recording
Grey No recorded footage

Talkback

Duplex Talkback

The DVR features a full duplex talkback system. When a microphone is connected to the Line Input and a broadcast unit is connected to the audio output of the DVR click the Talkback button.

Once Talkback has been selected the audio stream from the DVR Line Input will be played through speakers or a headset connected to the remote PC.

Broadcast

If a microphone is also connected to the PC then when the user talks their voice will be broadcast out through the DVR audio output.

Audio

The DVR can support up to sixteen microphones (model dependant). To listen to the audio from a required channel, select the channel in full-screen. The audio will now be played through the remote PCs speakers or headset, providing microphones are connected to the audio inputs of the DVR.

Note: It is not possible to use duplex talkback or broadcast when using audio microphones with camera inputs.

PTZ control

The DVR web browser supports control of PTZ cameras if connected and programmed in the DVR.

To use the PTZ feature single click on desired camera.

It is recommended to only use PTZ control when viewing the Sub Stream.

PTZ Speed Select the speed in which the PTZ camera moves
Note: This may be limited by the capabilities of the PTZ camera connected

◄►▲▼ Pan or Tilt the camera

Zoom the PTZ camera in or out

Open or close the iris (this will make the image brighter or darker)

Adjust focus far or near

Turn on the PTZ wiper blade (compatible models only)

Preset Select preset position then click Go to move to position or Set to save current position as selected preset number.

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