COP SECURITY™
Professional CCTV

INSPIRE

DVR RANGE

CMS MANUAL

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Introduction

Product Overview

The CMS is designed to allow multiple Inspire DVRs to be viewed on a single computer. The CMS can access up to 32 Inspire DVRs from a single computer via a network. This system has functions including live view, remote recording, remote playback, etc. Friendly user interface is another important feature in this design.

Features	
Live View	View live video from a DVR(s)
Playback	Playback video from a remote DVR or the local PC
Recording	User can record to the local PC
Setup	User can setup devices and view
PTZ	The CMS can control PTZ cameras across the network
DVR Setup	Change the settings for a DVR across the network

System Requirements

Software Environment

Operating System	Windows XP with SP2, Windows 2000, Windows Vista, Windows 7
Software	Internet Explorer 6.0 or higher

Hardware Requirement

CPU	Minimum: Pentium 4/Celeron 2.4GHz or above Recommended: Dual Core 3.0GHz
Memory	Minimum: 512MB Recommended: 1GB
VGA Card	AGP 2x with 128MB
Ethernet	100Mbit
Free Hard Drive Space	10GB

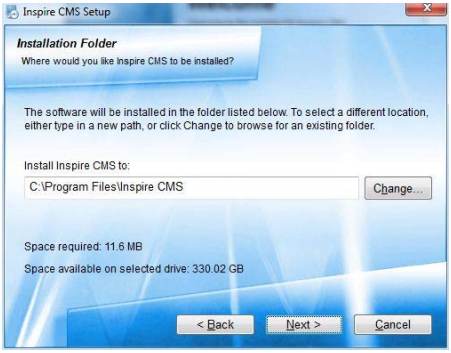
Inspire CMS Installation

The Inspire CMS is a completely free software provided for all Inspire Blue and Inspire Red customers, the setup file can be obtained from the CD provided with the DVR or via www.cop-eu.com

Run the file named Inspire CMS Setup

You will be prompted with a Welcome screen, click **Next** to continue.

The next page asks which directory you would like to install the CMS to, usually the default path is sufficient. Click **Next** to continue and follow instructions on screen.



Once installed press **Finish** to complete the installation.

Now that the installation is complete an Inspire CMS shortcut will have been created on the computer desktop, double click this icon to open the Inspire CMS program.

NOTE: It is recommended that the PC is rebooted before running the CMS for the first time.

CMS Log in screen

To be able to use and manage the Inspire CMS software the user must first log on to the software by entering a valid username and password. This is to prevent unwanted individuals being able to view and control the various cameras and features.

To log in after the initial installation enter the following:

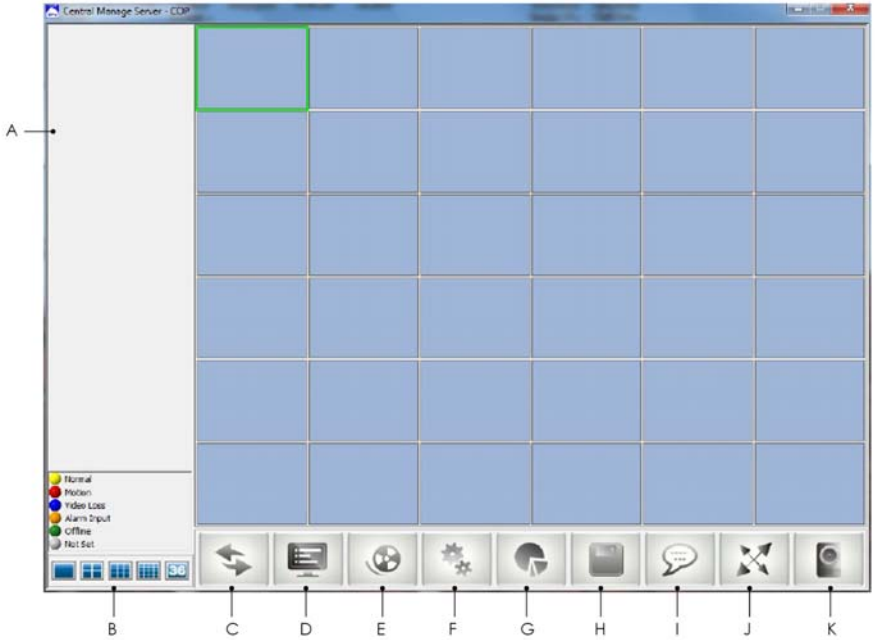
Username: **admin**
Password: **admin**

The default admin password can be changed in the CMS settings once the user has logged in, additional users can also be created with various privileges.

More information on creating user accounts can be found on page 10.

Inspire CMS Overview

Once logged into the CMS software you will be presented with the following screen.

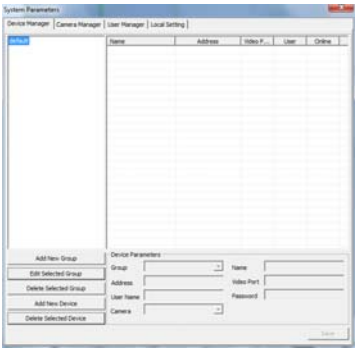


A. View and Camera selection
B. Screen view selection
C. Connect/Disconnect
D. CMS Menu
E. Local record
F. DVR settings
G. Playback
H. Copy
I. Talkback
J. PTZ control
K. Remote alarm relays

Device Manager

To be able to view and control DVRs remotely, the DVR connection settings must be first set in the CMS.

Click on the **CMS** menu button to bring up the screen below.



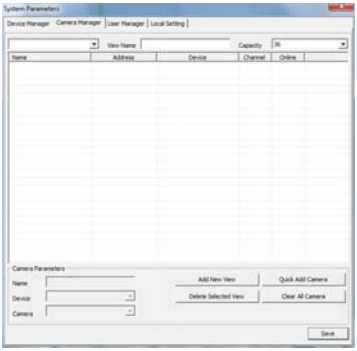
To add a new device to the connection list click the **Add new device** button, then input the various connection settings for your device.

Group	This is the group the DVR will belong to, multiple groups can be created.
Name	This is the reference name of the DVR, this can be anything you like.
Address	This is the IP or Domain address used to connect to the DVR.
Video port	This is the Command Port of the DVR, default is 5050.
Username	This is your username for connecting to the DVR, default is Admin (case sensitive)
Password	This is your password for connecting to the DVR, default is 888888.
Camera	This is the number of camera channels available on the DVR

Click **Confirm** when completed and the device list will display the DVR you have added.

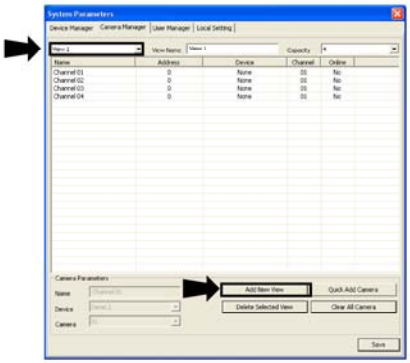
Camera Manager

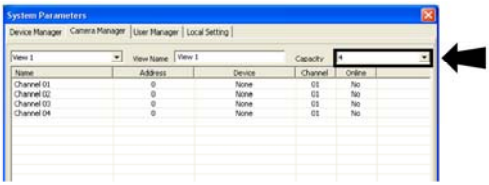
Once all the DVR settings have been added to the device manager you must programme which cameras you want to stream, here you can mix and match cameras from separate DVRs in separate locations.



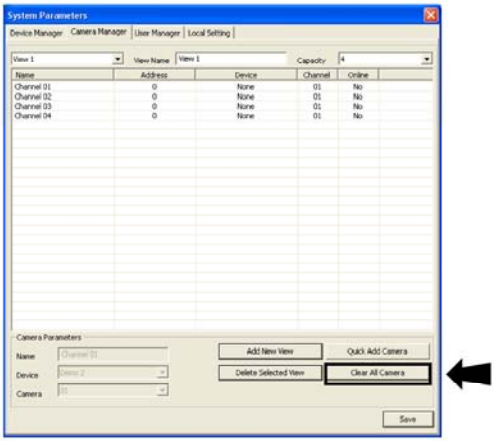
Setup A View

1. Click the **View** button to select the view to add cameras to. (click add new view button to create a new view)

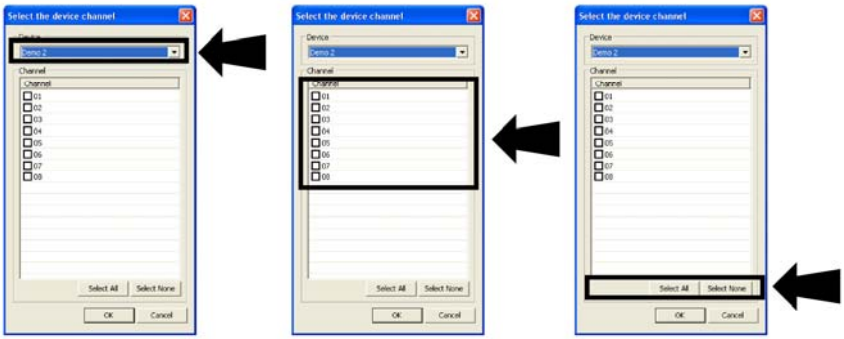


2. Click **Capacity** to select the maximum number of cameras you want to have in this view (this can be changed at a later date).
3. 

4. Click **Quick Add Cameras**



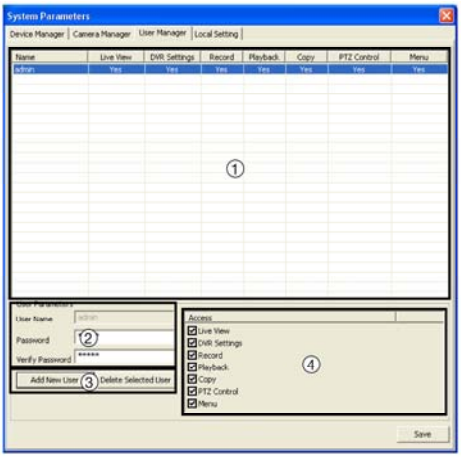
5. Select the DVR you want to view cameras from. You can then select individual cameras or you can select all camera



6. Confirm your settings and click **OK**

User Manager

The CMS has built in support for multiple users, here you can add, delete and change user privileges.



1. List of all users (highlight a user to edit)
2. Login details for highlighted user
3. Control buttons to add or delete a user
4. Set access level for highlighted user

There are several different features that can be granted or denied to custom user accounts:

Live View
DVR Settings
Record
Playback
Copy
PTZ Control
Menu

To add a new user click the **add new user** button, enter a username and password for the new user to use when logging on to the CMS.

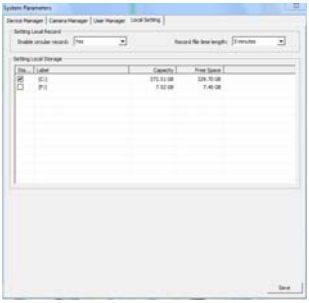
To edit user privileges, select the user in the user list and place a tick in features you wish to grant the user and remove the tick from features you want to deny the user, once done click **Save**.

NOTE: Admin privileges can not be altered.

Local Record

Local Setting

Here you can set which of the hard drives in the remote PC the local recordings are saved, by default recordings are saved to: C:/cms_cop/videos



Enable or disable circular recording

Yes	Overwrite the local recording in a loop
No	Stop recording after the preset record time

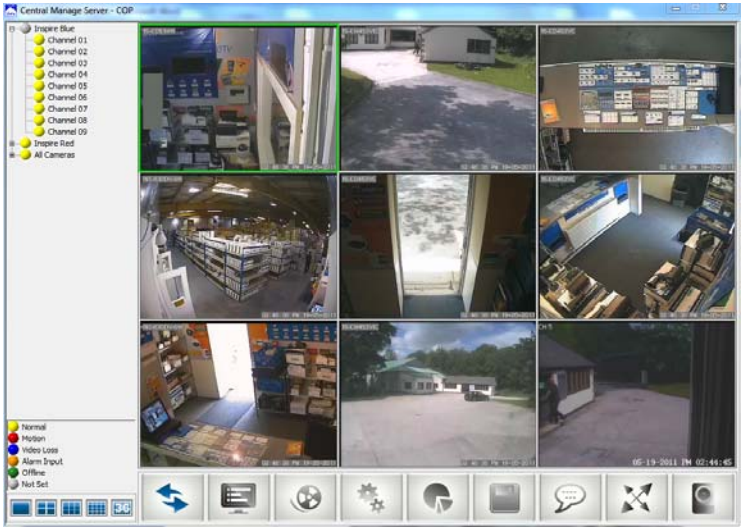
Record file length sets the record time of individual files.

Set the HDD to use for local recordings to be stored on.

Streaming Video

Once the CMS is configured correctly the created views will appear in the top left window pane, the CMS has a feature which automatically checks if any of the DVR(s) are available and shows the current record status.

To start streaming video from one of the views, select a view and click the **connect/disconnect** button.

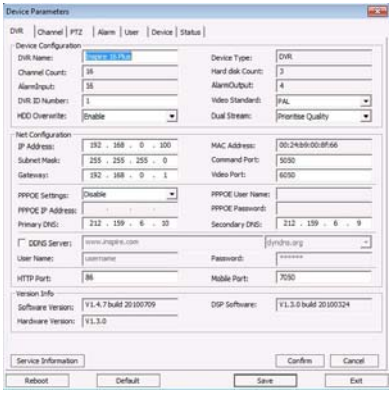


To stop the stream press the **connect/disconnect** button.

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.

Click the **DVR settings** button and then select which DVR to view.



Remote Record

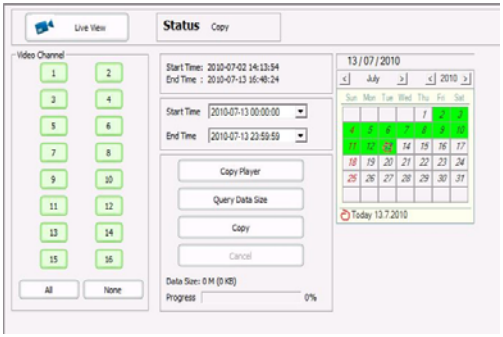
If when viewing the camera images over the network the user would like to save the live stream to the PC the user can use the Local Record feature.

To use Local Record click the **Local Record** button. Local Record can be stopped at any time by click the local record button for a second time.

Note: The Cop Player 2 software will be required to playback remote recordings, this can be downloaded from the Copy Menu.

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:

- Click **Copy**
- Enter required start and end times (available recordings on HDD(s) are listed above start time drop down box)
- Select cameras to copy in Video Channel field
- Click **Query Data Size** to get an estimate of the total size of the requested recordings.
- Click **Copy** and choose file name and destination

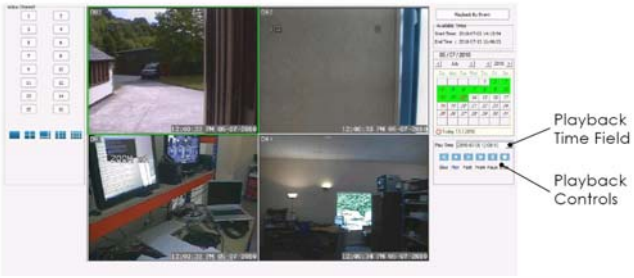
After save destination has been chosen the remote copy will start and the progress bar at the bottom of the screen will show the copy progress in percent.

Note: The Cop Player 2 software will be required to playback copied recordings, this can be downloaded by clicking the Cop Player button. Please also note that remote copying recordings can take a very long time depending on amount of cameras and amount of time requested.

Playback Over Network

Playback by Time

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

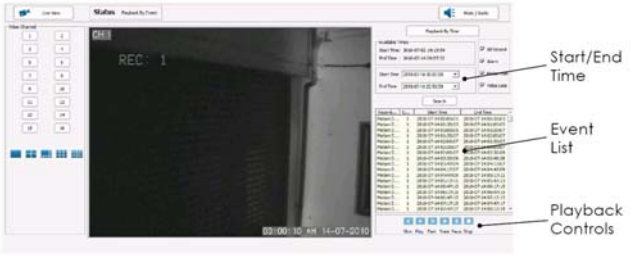


To playback images enter the desired time into the Play Time field on the right side of the browser and click play.

To change playback screen layout click the screen icons on the left of the browser.

Playback by Event

To playback by Motion, Alarm or Video Loss event click the Playback by Event button in the top right of the browser.



Available recording times stored on the DVR HDD(s) appear at the top right of the web browser.

To search for an Event select a start and end time in the Start and End time fields on the right of the browser and click search.

Note: Searches that exceed a 24 hour period may take a long time to return results
To playback an event from the event list click the desired event to highlight it and click on play icon.

Talkback

Duplex Talkback

The DVR features a full duplex talkback system (Inspire Blue Plus and Inspire Red models. To use this feature when a microphone is connected to the Line Input of the DVR or 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 (Available on all units)

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.

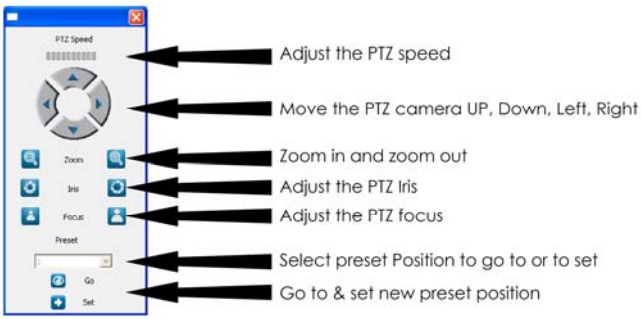
PTZ Control

PTZ Control

The Inspire CMS supports control of PTZ cameras if connected and programmed in the DVR.

To use the PTZ feature single click on desired camera (green border highlights selected camera) then press the **PTZ** button.

This will bring up the PTZ Interface



Note: PTZ speed may be limited by the capabilities of the PTZ camera connected

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