
Zeus / Apollo DVR Basic Working Instructions

PLEASE READ THIS FIRST BEFORE CONTACTING US

1. Default unit log in information

The unit comes with three user accounts set up by default each having their own password. (These account's passwords can be changed, but the accounts can not be deleted.)

Username	Password	Permissions
admin	admin	Admin/network access.
888888	888888	Direct access with full rights
666666	666666	Direct access but restricted rights

Note: For security reasons, please change the default passwords. Please refer to the manual provided. ENSURE YOU KEEP A RECORD OF ANY CHANGED PASSWORDS IN A SAFE PLACE.

2. The DVR is displaying System Locked after attempting to login

You have entered an invalid user/password more than 3 times. You can wait 30 minutes for the unit to reset. Alternatively power down the unit and then power up again to clear. Ensure you enter a valid user and password.

3. Basic Network Settings

To connect the unit to a basic network, normally only the 'IP address' and 'Gateway' are required to be changed.

Setting	Explanation
IP Address	This number gives the unit a unique identification number and is required to be set manually. If two units both have the same IP address then this will cause a conflict. Each unit must be unique. Normally an IP address looks similar to: 192.168.1.10 (Changing the last digit for each device)
Gateway	Usually on a network, a switch is used to connect all the devices onto the same network. The gateway is a unique IP the gateway has and is used to direct data around the network. For example, sending a file across the network, it would be sent to the gateway which will then in turn redirect the data to the correct device. For most devices the gateway is usually 192.168.1.1

The default settings for our units are:

IP Address	192.168.1.8
Gateway	192.168.1.1

Note: When using port forwarding, html ports or more advance network solutions, please consult your IT Network Manager.

4. Automatic Restart

The unit can be set to automatically restart every 24 hours. This can be done in the Maintenance section of the advanced menu.

5. Frame rate

The units record at CIF @ 25fps. This can be changed to D1 recording quality, but the frame rate MUST be downgraded to 12fps otherwise the unit will have issues as it's out of its operating limit.

6. Basic Menu settings - Changing the Date and/or Time

When you first enter the menu, check the time and date. As with most DVRs, it is not recommended to change the date and time, once you have setup the unit. This is because recorded files are created by date and time and if you turn back the date or time after recording, it is possible to create duplicate named files. The unit will then see a conflict and all data will have to be erased. Therefore to change the date and/or time use the following procedure: Go to **Main menu –Settings –Schedule**. Select **ALL** channels and **ALL** days and un-highlight any regular, motion or alarm settings and then press **SAVE**. This will stop any recording taking place until you have changed the date and time.

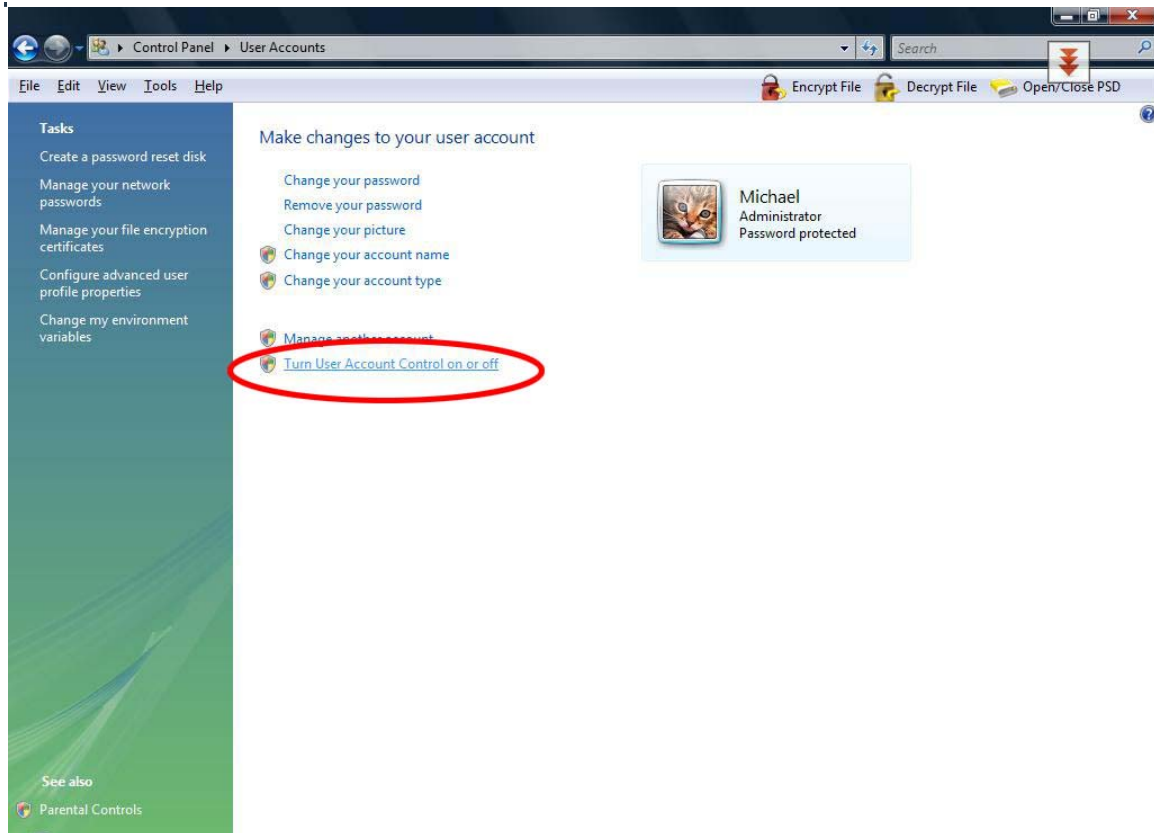
Now go to the **Advanced Menu -HDD Management -Read/Write** and **FORMAT** all HDDs. You will need to format each drive separately. The System automatically reboots when you exit menu. Ensure that that no recording is taking place i.e green record lights not lit. Now go to **Main menu –Settings –General**. Now set the **System Time, Date Format, Time Format** and check that **Video Standard** is PAL. Press **SAVE**. Now go back to **Main menu –Settings –Schedule** and either highlight settings previously set by manufacturer for each channel, for each day, or setup as per specific requirements. Do not forget to press **SAVE**.

Apollo / Zeus DVR with VISTA

Internet Explorer v7 parts of Microsoft Vista has high level of security which you must first disable in order to use the web browser built into your Apollo or Zeus DVR.

The Vista UAC (User Access Control) must be disabled as follows.

From your desktop select “Start” “Control Panel” – “User Accounts” as shown below.



Select the “*Turn User Account Control on or off*” as highlighted above. It’ll will look like below



Now un-tick the box as highlighted above, and then select the OK button.

Vista will require you to re-boot your system, this is normal. **Let it do this.**

Now connect to web browser as normal, and make sure you accept to install the application from the DVR to function as normal.

APOLLO KEYBOARD CROSSOVER TO APOLLO DVR

CONNECT CROSSOVER CABLE FROM DVR'S NETWORK PORT TO KEYBOARDS NETWORK PORT

LOG OUT OF APOLLO DVR

KEYBOARD SETUP

ENTER - > USERNAME = admin

PASSWORD = 888888

MENU OPERATION PRESS ENTER

LOCAL SETUP PRESS ENTER

NETWORK PRESS ENTER

INSERT IP ADDRESS THAT IS WITHIN RANGE OF YOUR NETWORK ALONG WITH SUBNET MASK AND GATEWAY

ALSO INSERT PORT NUMBER WHICH MATCHES THE DVR'S (USUALLY 37777)

PRESS ENTER THEN ESC

SCROLL DOWN TO CTL POINT AND PRESS ENTER

SET UNIT ID AS 1 THEN PRESS ENTER

SET DEVICE NAME AS 1 THEN PRESS ENTER

DVR TYPE = DVR

CONNECT TYPE = NETWORK

WHILE CONNECT TYPE IS HIGHLIGHTED PRESS ENTER

INSERT THE IP ADDRESS OF DVR AND ALSO THE PORT OF THE DVR

PROTOCOL = DVR-2

PRESS ENTER

PRESS ESC AND YOU WILL BE ASKED TO SAVE – PRESS ENTER FOR YES

PRESS ESC

SCROLL UP TO CONTROL POINT AND PRESS ENTER

PRESS ENTER ON ID AND INSERT 1 PRESS ENTER

DVR IS NOW CONNECTED AND CAN BE CONTROLLED VIA KEYBOARD

APOLLO PTZ DOME TO APOLLO DVR

***** CONNECTIONS *****

DOME

YELLOW = RS486+

GREEN = RS485-

CONNECT TO APOLLO DVR USING SINGLE PAIR OF CAT5 CABLE

YELLOW (RS485+) TO GREEN SCREW TERMINAL MARKED AS "RS485 A" ON BACK OF APOLLO

GREEN (RS485-) TO GREEN SCREW TERMINAL MARKED AS "RS485 B" ON BACK OF APOLLO

SETTING UP DOME PROTOCOLS

PLEASE REFER TO PAGE 10 OF APOLLO DOME MANUAL FOR PROTOCOL AND BAUD RATE SETTINGS

RECOMMENDED IS PROTOCOL IS PELCO-D, BAUDRATE - 4800

TURN DOME ON

CONFIGURING APOLLO DVR

MENU -> SETTINGS -> PAN TILT ZOOM

CHANNEL = CHANNEL THAT PTZ DOME VIDEO CONNECTION IS ON

PROTOCOL = SHOULD MATCH DOME SETTINGS

ADDRESS = SHOULD MATCH DOME SETTINGS

BAUDRATE = SHOULD MATCH DOME SETTINGS

DATA BITS = SHOULD MATCH DOME SETTINGS (USUALLY 8)

STOP BITS = SHOULD MATCH DOME SETTINGS (USUALLY 1)

PARITY = SHOULD MATCH DOME SETTINGS (USUALLY NONE)

COPY -> PASTE -> SAVE

EXIT TO LIVE VIEW

PUT PTZ CAMERA VIDEO FEED INTO FULL SCREEN

RIGHT CLICK -> PAN/TILT/ZOOM

USE VIRTUAL JOYSTICK TO CONTROL MOVEMENT OF DOME

ENTERING DOME MENU

ON VIRTUAL JOYSTICK CLICK PAGESWITCH

TYPE 95 IN NO. BOX

CLICK PRESET

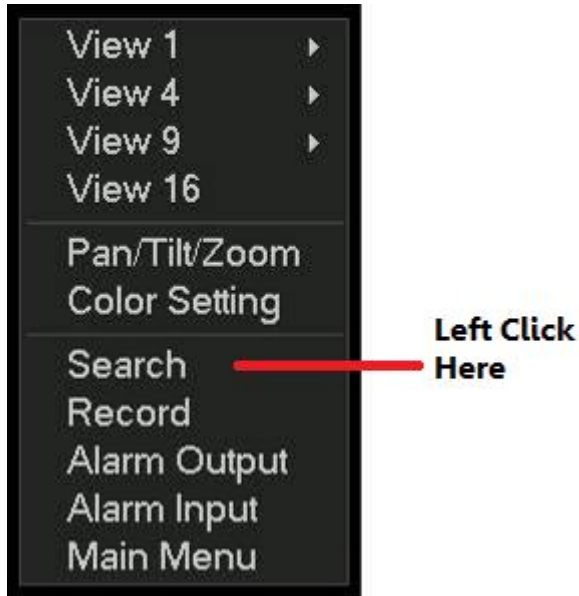
IRIS OPEN = ENTER

BURNING A DVD/CD ON APOLLO AND ZEUS DVR'S

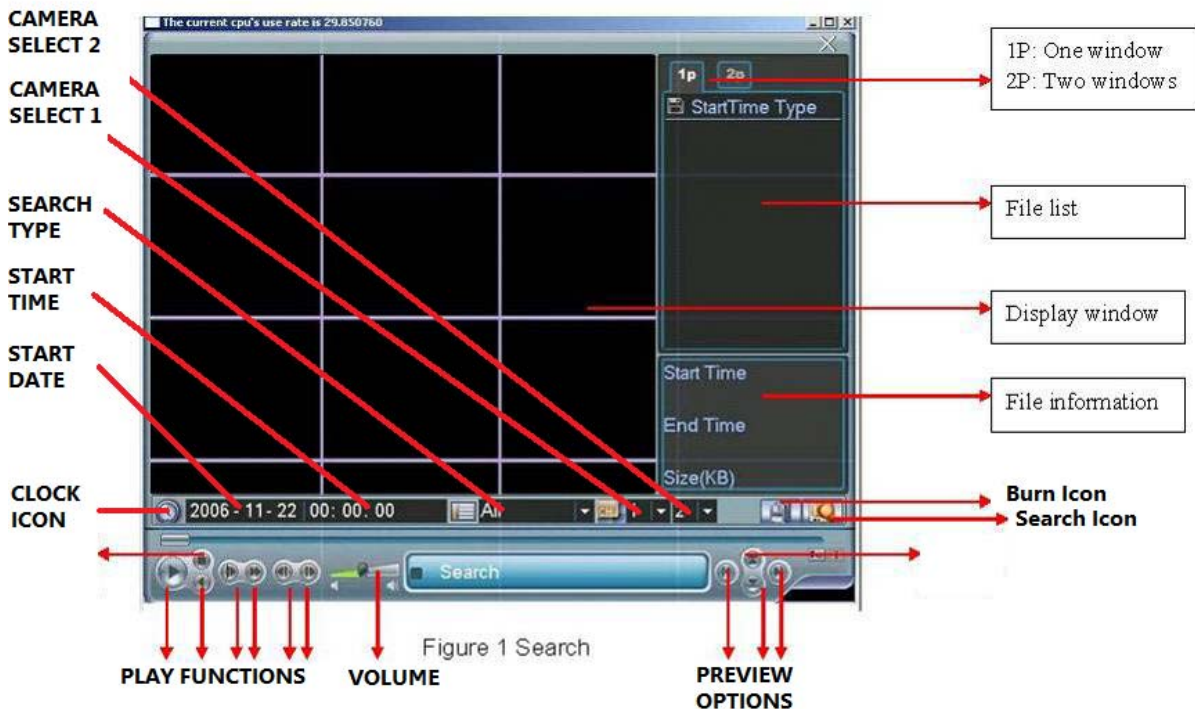
INSERT BLANK DVD+R/CDR , OR USB PEN DRIVE (PLEASE NOTE : PEN DRIVE MUST BE PRE FORMATTED IN FAT32)

ON LIVE VIEW RIGHT CLICK MOUSE BUTTON

HIGHLIGHT **SEARCH** AND PRESS LEFT MOUSE BUTTON



YOU WILL SEE FOLLOWING SCREEN APPEAR



ON THE LEFT HAND SIDE OF THE SCREEN THERE IS A **CLOCK**, LEFT CLICK CLOCK

CHOOSE DATE LEFT CLICK

MOVE TO NEXT SECTION THAT IS FULL OF ZEROS, USING LEFT CLICK INSERT THE **START TIME** OF EVENT

MOVE TO NEXT SECTION (**SEARCH TYPE** - NORMALLY SAYING ALL) AND CHOOSE WHAT TYPE OF INFORMATION YOU WOULD LIKE TO PLAYBACK – IE.

MD =MOTION DETCTION

ALL = REGULAR

ALARM = ALARM

ALARM/MD = ALARM/MOTION DETCTION

MOVE TO THE NEXT SECTION (**CAMERA SELECT 1**) AND CHOOSE THE CAMERA FROM THE DROP DOWN LIST

MOVE TO THE **SEARCH ICON** AND LEFT CLICK

FILES WILL APEAR IN THE **FILE LIST WINDOW**

TO PLAY -- DOUBLE CLICK LEFT MOUSE BUTTON ON REQUIRED FILE IN THE **FILE LIST WINDOW**

TO BURN – TICK REQUIRED FILE IN THE **FILE LIST WINDOW**

CLICK **BURN ICON**

MAKE SURE YOU HAVE A TICK NEXT TO THE CORRECT BACKUP DEVICE

(IDE CDRW) IF USING THE DVD DRIVE

(USB DISK) IF USING THE USB PEN DRIVE (PLEASE NOTE : PEN DRIVE MUST BE FORMATTED IN FAT32 BEFORE DVR WILL RECONISE)

ONLY ONE SAVE DEVICE SHOULD BE TICKED

ENSURE REQUIRED FILE ALSO HAS A TICK

CLICK **BACKUP**

Zeus & Apollo DVR FAQ

(Frequently Asked Questions)

How do I change the date & Time?

In the main menu, go into the 'Settings' menu and then into 'General'. Here you can click on the date & time and changed to the relevant values making sure you click 'Save' at the top right of the window and then again at the bottom of the window.

What monitor setup can be used with the unit?

If you are using VGA, then you can connect a BNC monitor to BNC2 to be used as a spot monitor. If you are using two BNC monitors, then BNC1 will be the primary screen and BNC2 will act as the spot monitor.

I have entered the incorrect password too many times, how can I log back in?

If a password is incorrectly entered 3 times you will not be able to log in for a set period of time. Turning the machine off and on again will then allow you to log in. If you are unable to turn the unit off, waiting 10 minutes will then allow you to log in.

How do I setup channel preview switching?

In the main menu, go into 'Settings' and then into 'Display'. Here you can set up the channel preview tour by clicking in the box (White is active). You can change the screens displayed on the tour for each layout by ticking/un-ticking the channel numbers.

How can I tell if my unit is recording?

When the unit is recording, a green icon is displayed on each channel. By default the unit is set to record motion which displays a red icon when motion is detected.

How many channels of video playback does the Zeus have?

The Zeus supports 4 channels of recorded playback.

What is the correct way to power down the unit?

In the main menu, go into 'Shutdown' and select 'Shutdown' from the list. By clicking 'OK' the unit will now go into standby. It is now safe to unplug the unit from all its connections.

How do I prepare my pen drive for use?

You are required to format your pen drive within windows using a FAT32 file system. This can be done by going into 'My Computer', right clicking on your pen drive and then selecting 'Format'.

How do I backup recorded data to pen drive?

Go into the playback menu and put a tick in the box to the left of each chunk of data you wish to backup. Now click on the small picture of a disk, and select the USB as the destination device and click 'Backup'.

Zeus & Apollo DVR FAQ

(Frequently Asked Questions)

How do I search for recorded data?

Go into the main menu and then select 'Preview' from the list. On the window you are now presented, you can search for recorded data. If you click the little picture of the calendar, you can select a date. Once this is done you can enter a time range to search within and by clicking play, it will play back the recorded footage.

How can I remove data from my hard drive?

The only way to remove data is to completely erase the hard drive. Go into your 'Advanced' settings and then into 'Hard Drive'. From the drop down menu, select 'Format' and then click 'Execute'.