



User's Manual

LDA&S NVR (LD-NVR*)

LIL DOGGIE AUTOMATION & SECURITY LLC.

CROWLEY, LA 70526

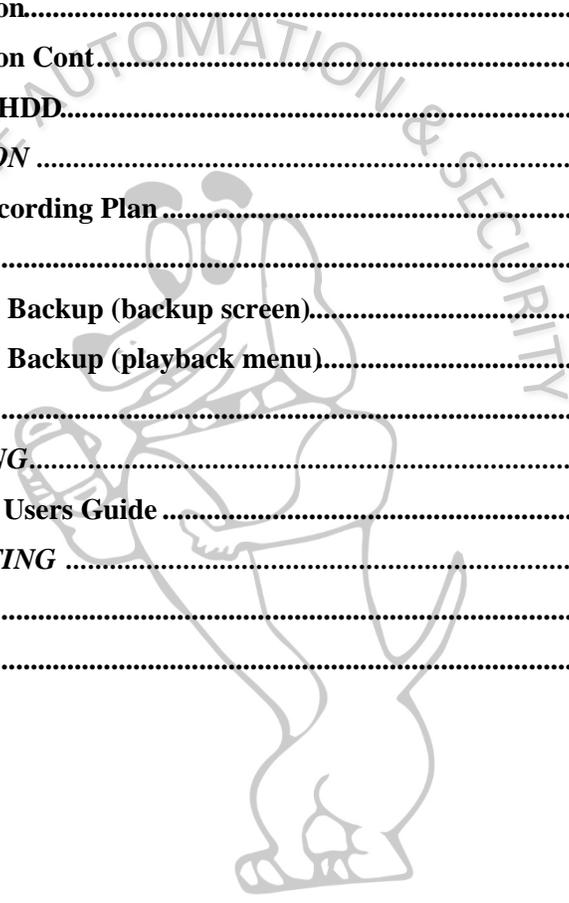
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Contents

1.0	SYSTEM INFORMATION	1-0
1.1	Warnings and Precautions.....	1-1
1.2	System Overview.....	1-2
2.0	INITIAL SETUP OF NVR	2-0
2.1	System Menu Overview.....	2-1
2.2	Screen Resolution.....	2-2
2.3	Screen Resolution Cont.....	2-3
2.4	Formatting the HDD.....	2-4
3.0	BASIC OPERATION	3-0
3.1	Setting up A Recording Plan	3-1
3.2	Playback	3-2
3.3	Recorded Video Backup (backup screen).....	3-3
3.4	Recorded Video Backup (playback menu).....	3-4
3.5	Exit System	3-5
4.0	REMOTE VIEWING	4-0
4.1	Cell Phone App Users Guide	4-1
5.0	TROUBLESHOOTING	5-0
5.1	5-1
5.2	5-2



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1.0 SYSTEM INFORMATION

1.1 Warnings and Precautions

Important Safeguards and Warnings

- Do not place heavy objects on the NVR.
- Do not let any solid or liquid fall into or infiltrate the NVR.
- Please Dust unit regularly
- When cleaning please switch off the power and unplug it.
- Do not disassemble or repair the NVR by yourself. Do not replace the components by yourself.
- Please only use the NVR between 32 and 112 degrees F.
- Avoid direct sunlight.
- Stay away from heat source.
- Do not install the NVR in the damp environment.
- Do not use the NVR in smoky or dusty environment.
- Avoid collision or strong fall.
- Please insure the NVR level installation in a stable workplace.
- Please install in ventilated place. Keep the vents clean.
- Use within the rating input and output scope.

1.2 System Overview

Thank you for purchasing the latest in high definition surveillance systems with LDA&S. Here is information and also a list of items that you should have received with your NVR.

This item is designed especially as an affordable security solution that is also the best surveillance product out today. It introduces embedded LINUX operating system which is more stable than its predecessor. It also introduces the new standard in video compression format and audio which insures only the highest quality image, low error coding ratio and single frame playing. It introduces TCP/IP network technology which achieves the strong network communication ability to view live over cell network.

The series NVR can be used individually or online applied as a part of a safety surveillance network.

The professional network video surveillance software it achieves the strong network communication and a secure and solid connection for mobile viewing.

Real-time surveillance system with some of the newest options like the following

- zoom in spot technology
- analog interface
- both VGA and HDMI output simultaneously
- non-working hard disk dormancy processing which can extend the life-span of hard drive
- special storage format which insures the data security
- back up through SATA interface or USB to removable media

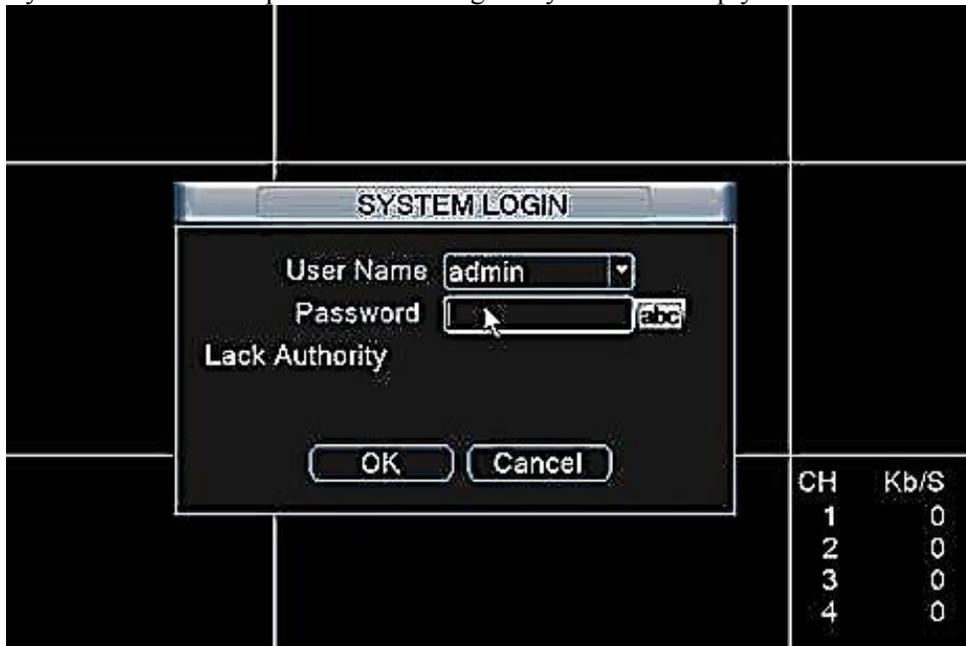
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2.0 INITIAL SETUP OF NVR

2.1 System Menu Overview

By default there is no password so to login to your NVR simply CLICK "OK".



→ Main Menu
→ Sub Functions



RECORD

Set the recording configuration, recording type, and recording time

ALARM

→ Alarm input:

Set alarm input channel, equipment type, linkage parameters depending time section, alarm output, screen hint, recording, screen shot , PTZ, patrol, buzz, email and FTP upload

→ Alarm output:

Set alarm mode configuration, manual, shut down, exception handling, No HDD, HDD error, HDD capacity not enough, network cut, IPConflict, linkage parameters, screen hint or buzz.

→Motion detection:

Set motion detect alarm channel, sensitivity, area, linkage parameters depending time section, alarm output, screen hint, recording, screen shot, PTZ, patrol, buzz, email and FTP upload

→Video blind:

Set camera mask alarm channel, sensitivity, linkage parameters depending time section, alarm output, screen hint, recording, screenshot , PTZ, patrol, buzz, email and FTP upload

→Videoloss:

Set video loss alarm channel, linkage parameters: section, alarm output, screen hint, recording, screen shot , PTZ, patrol,buzz, email and FTP upload

→Intelligent analysis:

Set algorithm rule trajectory display, sensitivity, minimum pixel, alertMode, and setting linkage parameters:period, alarm output, the screenprompt, record,PTZ,tour,buzzer,EMAIL,FTP upload.

SYSTEM

Set system time, data format, language, hard disk full time operation, machine number, video format, output mode, summertime, stay time **set main (extra), code mode, resolving ability, frame rate.**

ADVANCED

→ Storage:

Format, recover, partion and edit HDD settings.

→ Account:

Modify password and username for the NVR.

→Online User:

View a list of names and IP addresses that are logged in remotely.

→Output Adjust:

Adjust screen size to fit your display.(see section 2.3 for details)

→AutoMaintain:

Set time and date that you would like the unit to shutdown and restart automaticly. This helps keep the units buffer from overfilling.

→Restore:

Allows you to bring parameters back to factory default.

→Upgrade:

Allows you to upgrade the firmware of the NVR.

→Device Info:

Shows you a list of inputs/outputs of the NVR and other device info

→Import/Export:

Import and export a file with all the NVR system settings incase of failure.

INFO

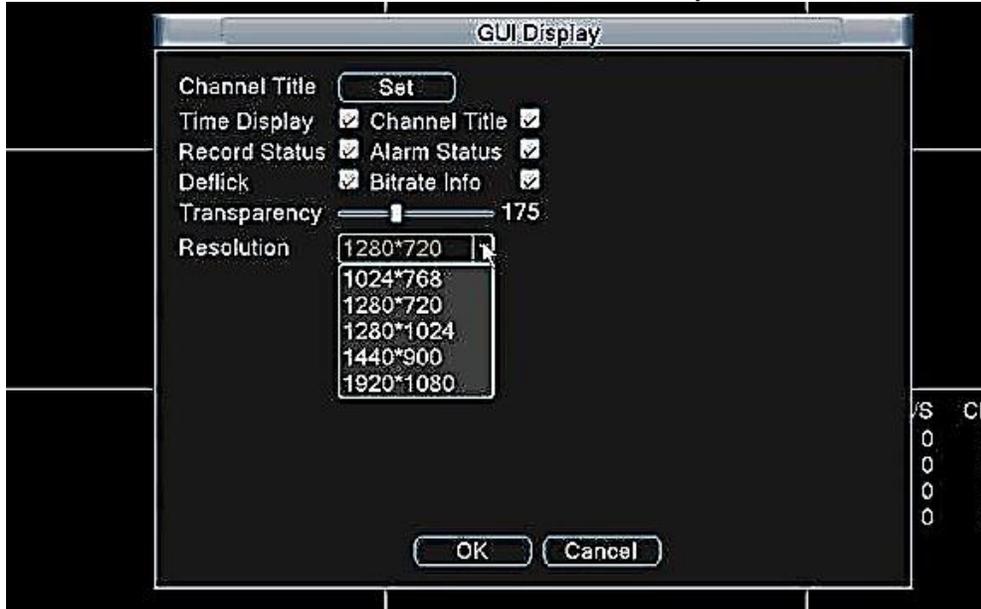
Displays system statistics for HDD, BPS for cameras, system LOG , and version info for NVR.

LOGOUT

User logout, shutdown or restart the NVR

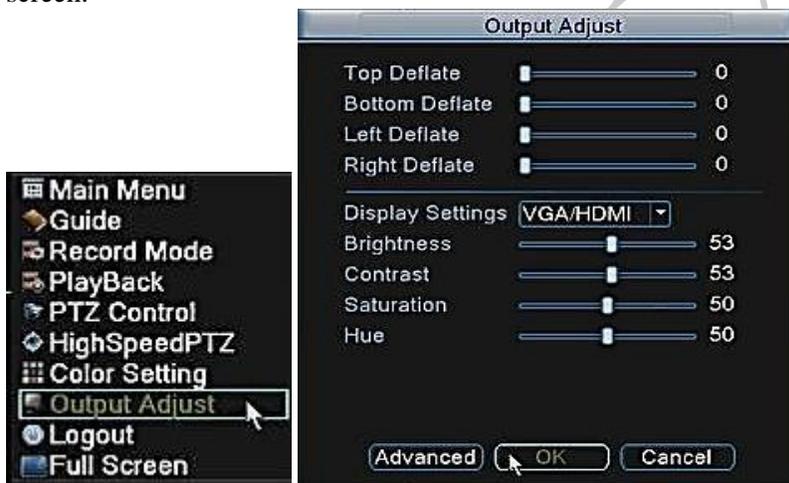
2.2 Screen Resolution

These NVR's are all set up with HDMI capabilities however, if you want to change the screen resolution simply "right click" with your mouse select main menu> system>GUI Display. That will pull up a screen that looks like this. Now select the resolution that best fits your monitor.



2.3 Screen Resolution Cont.

If for whatever reason your screen is blank with no picture, your monitor probably does not support 1080 screen resolution so you can temporarily hook up the RCA video connection change the screen resolution to "1280*720" then hook it back up to HDMI. Also if your display is not centered on your screen you can right-click go to "Output Adjust". From here you can move your display to be perfectly centered on your screen.



An analog TV is not a suitable video output device. If used it requires reducing the use time and control of the power supply and the interference introduced by the nearby equipment strictly. The creep age of low-quality TV can lead to the damage of other equipment.

2.4 Formatting the HDD

If you should ever want to completely empty the Hard Drive you will need to format it. Go to Main Menu>Advanced>Storage you should arrive at this screen.

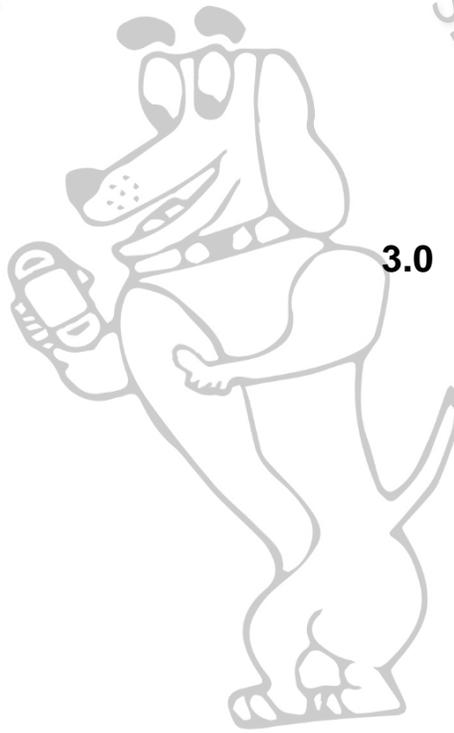


From here click "Format Storage" and another message will pop-up. Click "OK



Once you see this message then you have completed the format of your Hard Drive.

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3.0 BASIC OPERATION

3.1 Setting up A Recording Plan

First you need to get to the record menu and to do that right click for the main menu> Record> Record Conf.



To Record 24/7, set the Channel drop down to "All" also, set the Week drop down to "All". The other settings will stay the same. When finished click OK



Once set up correctly you will see an icon that looks like a tape recorder in the bottom right hand corner.

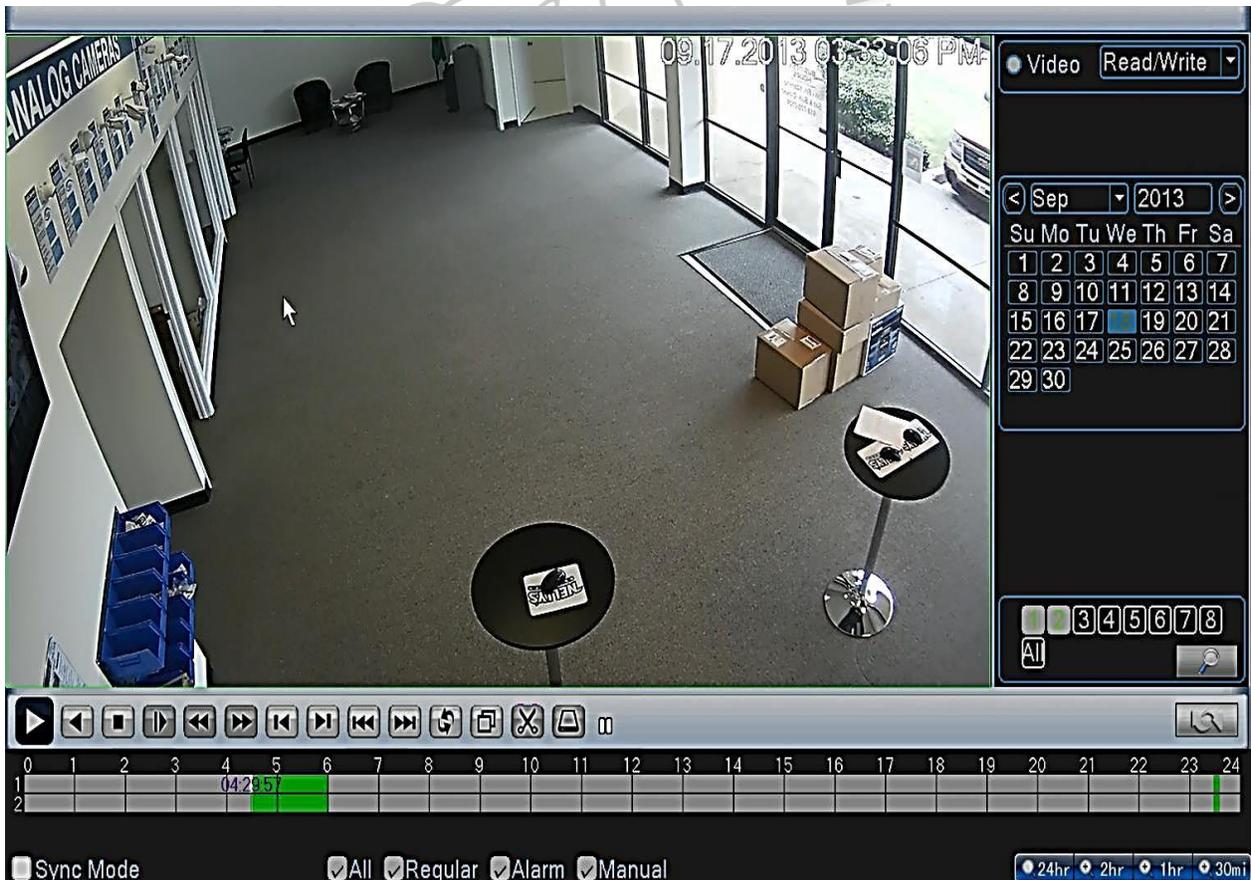


3.2 Playback

Now, to view the playback feature with the NVR again go to the main menu> Record> Playback. You will see your playback screen that looks like this.



You will see your playback screen that looks like this.



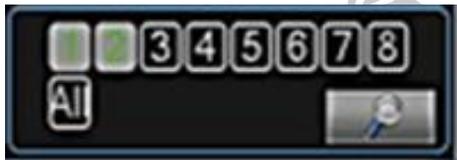
As you can see below you have the option to check certain days with the calendar. (*You can only view two channels at a time.) Click on your day that is highlighted in blue, then click the magnifying glass to see the recordings for that day.



DATE OF RECORDINGS

Next, we will need to select the channel we want to view that our recording is on. You will notice the box directly below the Month/Day/Year, this area allows you to select the total number of channels you like to play back. (Maximum of 2 simultaneously)

****YOU MUST CHECK AND UNCHECK THE CHANNEL NUMBERS THAN CLICK THE MAGNIFYING GLASS TO SEARCH THE VIDEO FOR THE HIGHLIGHTED CHANNELS****



CHANNEL NUMBERS & SEARCH

Sync Mode allows you to sync up the video and playback times.



SYNC BAR

Time Frame options allow you to narrow down the time of playback. (Bottom Right)



TIME INTERVALS

The Editing Bar allows you to play, pause, fast forward, rewind skip ahead, and even cut video and store it to a USB flash drive.

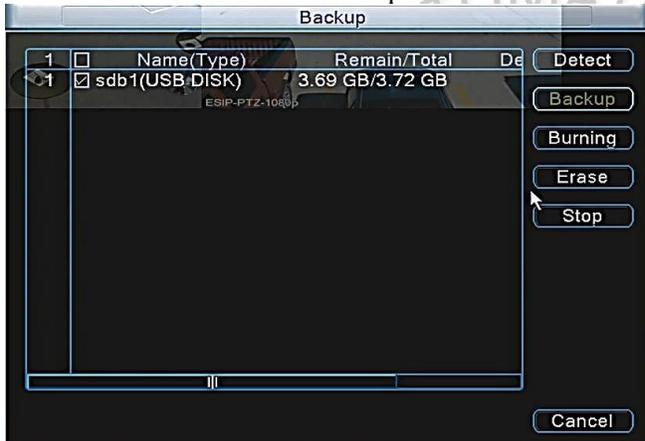


EDIT BAR

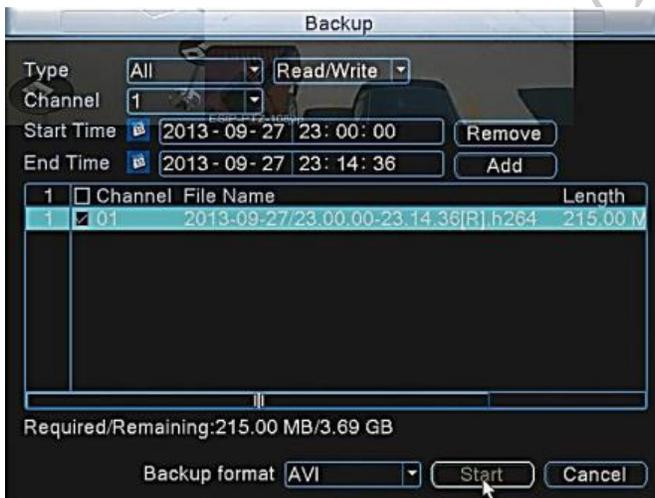
3.3 Recorded Video Backup (backup screen)

****USB flash drive required to retrieve evidence****

There are 2 ways to get evidence off of your NVR. The first way is from the actual backup screen. Go to Main Menu>Record > Backup and you will arrive at this screen. From here you will be able to see your USB Flash Drive. Select “Backup”.



Now select what day you want to choose your backup from and to do that click the calendar button immediately right of the start time. Then select the time you wish the backup to start and also the day you want it to end and the time you want it to end. Once you have the time you wish to back up to your USB Flash drive click “Add”. Then select the Backup format you wish *I suggest that you use “AVI” because it is supported on most all video player software’s. Lastly click “Start” and it will begin to download to the Flash drive.

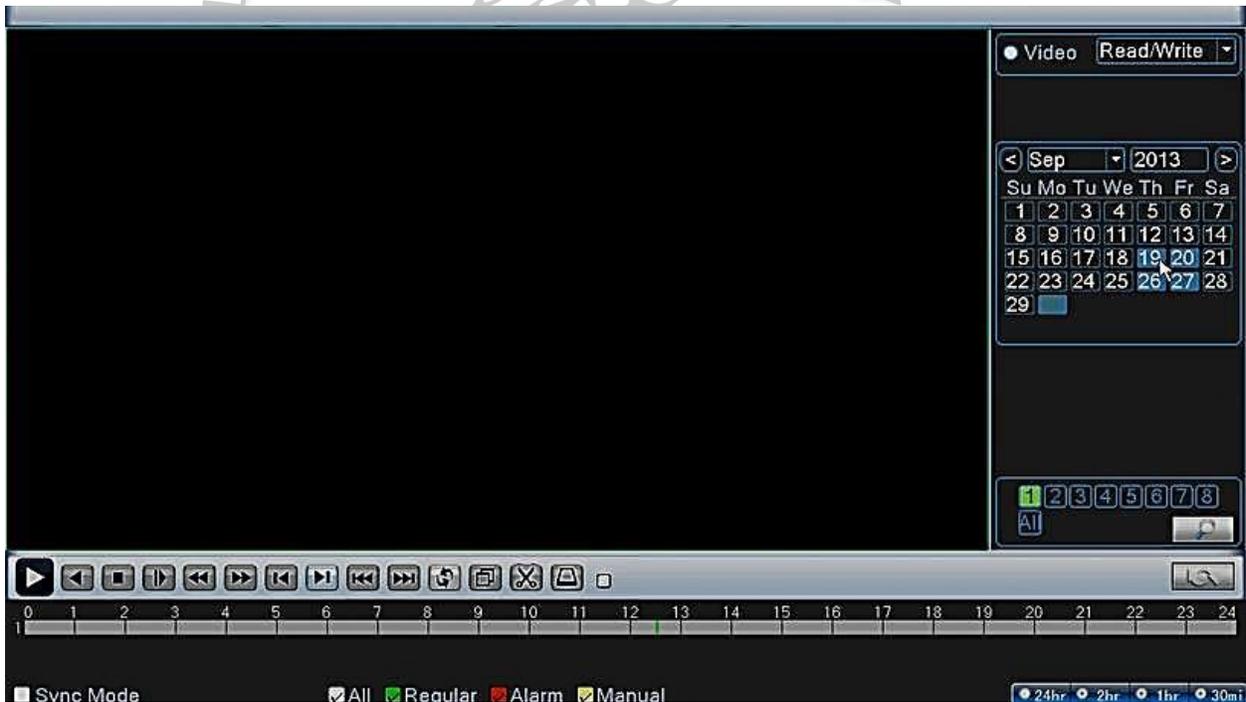


3.4 Recorded Video Backup (playback menu)

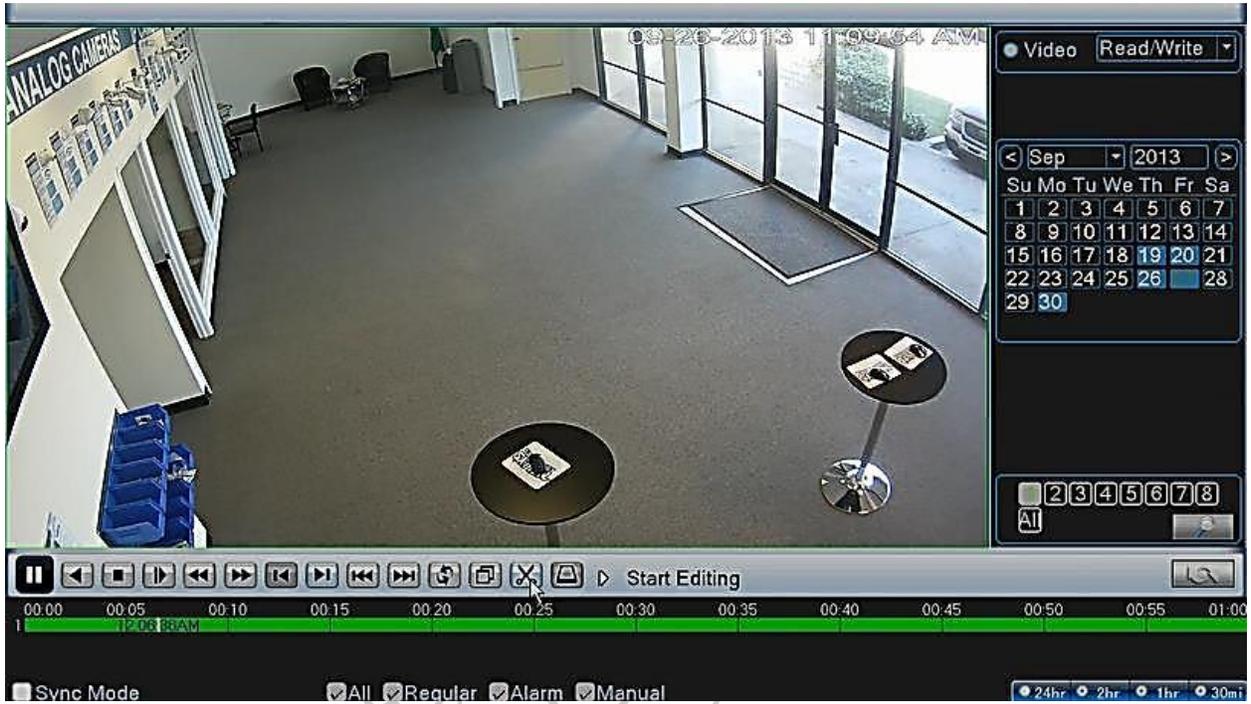
To begin right-click and find the playback option>then it will take you to the playback



Once you are at the initial playback screen you can select the exact date with the calendar options on the right. Below that you can select the camera you would like to find the evidence on, now click play. Once you have selected the correct day and camera in the bottom right you will see the time frame settings where you can narrow down the time from 24 hours all the way to a 30 min time frame.



After the video is playing and you have found where you need to save video on the toolbar, below the playback screen you will notice an icon that looks like a pair of scissors, this is how you start editing video and also the same button you push to stop editing video.



Once you have the footage you need edited you need to back it up via USB Flash Drive. Click the icon just right of the scissors and it will bring up the backup screen. Now be sure the checkbox is checked for your USB FD then click “backup”. Before you click start make sure that your backup format is set to “AVI” then click Start.



Once you see this screen you have successfully backed up you evidence.

3.5 Exit System

To exit out of the system right click the mouse and you should get a menu like the one above. Choose the Logout option and you will then see the options to LOG OUT, RESTART or SHUTDOWN.



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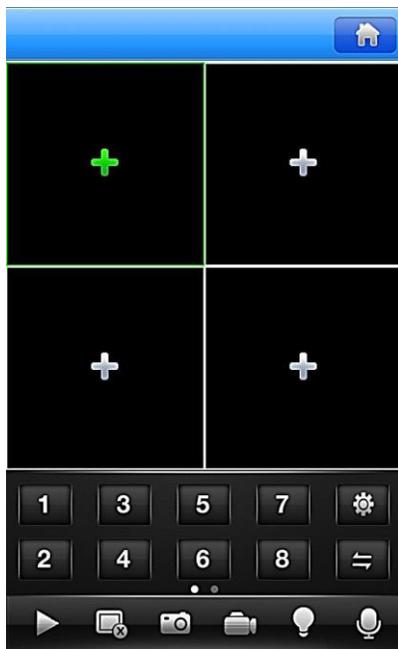


4.0 REMOTE VIEWING

4.1 Cell Phone App Users Guide

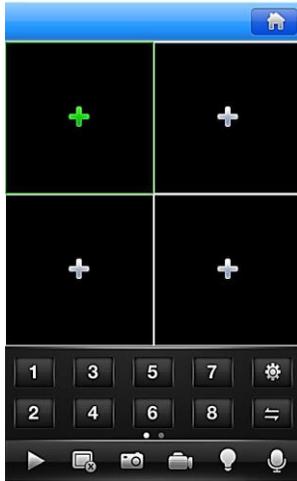
Please note that for this to work, you must have already gone through the process of networking and port forwarding your NVR

Open the app. Once opened tap the home button in the upper right corner. The home screen has a list of options and settings you can change, also allows playback of recorded video and photos.



This is the home menu screen.

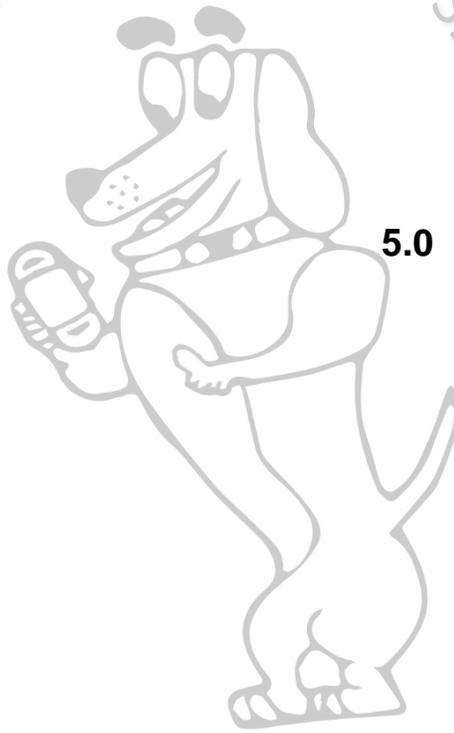
Go back to the main screen, select one of the “+” buttons and you will see the Device List screen tap the arrow on the left and it will have a dropdown of all of your cameras.



From there simply select the one you want to add and repeat for the other cameras.



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5.0 TROUBLESHOOTING

5.1 TBD

More to come later

5.2 TBD2

More to come later



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