



# NightWatcher



## User Guide

### Analogue HD CCTV Kit



Easy setup for remote access



ADCloud



iOS



Android

IMPORTANT! This instruction guide explains how to install your CCTV system.

## Which accessories do you need before getting started?

1. Monitor or TV (recommended not less than 19" for clear viewing)
2. HDMI Cable to connect to TV or monitor (supplied). Alternatively use VGA cable to connect to PC monitor (not supplied)
3. Power supply for the DVR and cameras. (supplied with kit)
4. Appropriate tools for installation.

### Note:

This instruction guide provides basic information on how to install your CCTV system. More technical information is available on our website; [www.nightwatcher.co.uk](http://www.nightwatcher.co.uk).

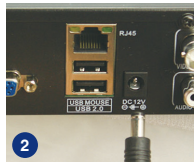


Using a high quality monitor, connect it to the DVR via VGA Cable or HDMI

### STEP 1 Turning on DVR



Connect the DVR to the mains power using the adaptor provided, shown in picture 1 & 2.



### STEP 2 Connect Mouse



Plug the Mouse into the USB port ,shown in picture 3.

Note: You can choose one of three methods to connect the DVR to a monitor.

### Monitor with VGA Port

- STEP 1. Connect DVR to monitor using VGA cable  
STEP 2. Connect monitor to power socket  
STEP 3. Switch monitor mode to VGA (if required)



## Monitor with HDMI Input

- STEP 1. Connect DVR to monitor using HDMI cable
- STEP 2. Connect monitor to power socket
- STEP 3. Switch monitor mode to HDMI (if required)



## TV with BNC Connector (VIDEO IN)

- STEP 1. Connect DVR to monitor using a BNC-RCA cable
  - STEP 2. Connect monitor to power socket
- NB: This connection method is only used between DVR and a TV with a BNC and RCA port.



## CAMERA CONNECTION

- STEP 1. Connect the camera cable BNC end (female) to extension cable BNC end (male).

NB: Camera cable power end (male) must connect to the extension cable power end (female).

- STEP 2. Connect the other extension cable BNC end (male) to the DVR Video In socket (female).

- STEP 3. Connect the other extension power end (male) to the power splitter cable end (female).

- STEP 4. Repeat above steps to connect other cameras

- STEP 5. Connect power splitter cable to the power adaptor

- STEP 6. Plug the power adaptor into the mains socket.



You have finished connecting your CCTV system



Some CCTV kits may have more than one power supply for additional cameras. Simply repeat the above steps if required.



## SETTINGS WIZARD

Before turning on your DVR, ensure that all connections are correctly installed.

### POWER ON AND LOGIN

Connect the DVR with the power supply to start-up.

The light labelled POWER on the front bezel will illuminate.

After the DVR start-up, a Wizard Setting panel displays to choose your required settings, including language, date format, time format, time zone, system date & system time as shown below.

NB: The Wizard Settings menu will automatically display after restarting the DVR, This can be disabled by removing the tick ✓.

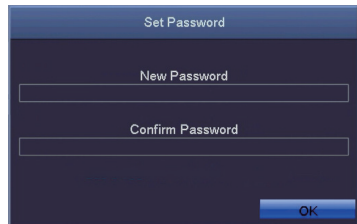


Please download the App called ADCloud from Google Play or the App Store. The UID (User ID) is the cloud ID number, which is used to connect your DVR with the internet via your router, to remotely view your CCTV cameras via the app. For more details please read the REMOTE SURVEILLANCE GUIDE on page 6.

### First Time Login

After exiting Wizard Settings, Set Password dialogue box is presented.

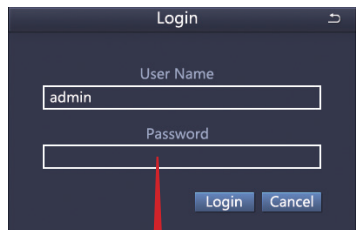
Enter password, minimum of 6 characters and re-enter to confirm. After the password is set, the login box is presented.



### Login

After exiting Wizard Settings, login to the DVR. Double click the screen, (left-click on Mouse) and the Login dialogue box is presented.

The default User Name is "admin"



Enter password

# CHANGING DISPLAY RESOLUTION

Optimize the DVR Video output to match the monitor output, using the following steps:

**NB:** Make sure the monitor supports the same resolution as your DVR output resolution, otherwise the monitor will be unable to display the video.

- STEP 1. Right click mouse for quick shortcut menu and select Main Menu
- STEP 2. Click Setup, then choose Basic menu
- STEP 3. Select the desired Video Output resolution
- STEP 4. Click Apply to save the settings
- STEP 5. Click Exit to restart system, and then Login

**NB:** The default value is 1024 x 768 so choose the max output resolution your monitor supports, to view the best resolution



**Select Camera.** Tick the Camera Channel you want to record on motion detection.

**Holding Time.** Set recording time length after motion stops.

**Trigger.** Multiple channels can be set to record when motion is detected by one of cameras. For example, when camera 1 detects motion, camera 2 and camera 3 can be triggered to record as well.

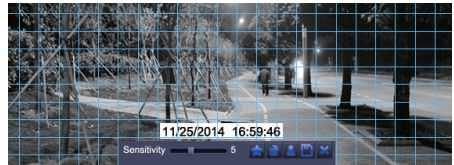
**Area.** It is possible to set the sensitivity area of camera viewing range.

Click **STAR** to make the whole viewing range as sensitivity area;

Click **Trash Box** to remove areas;

Click and drag mouse to draw or erase the sensitive area.

Click to save setting Click to exit



As color and luminance are important for sensitivity, it is necessary to adjust its value under specific conditions.

The default value is 4 while value range is from 1 to 8.

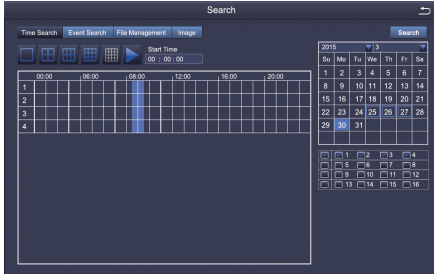
Right click the mouse to show or hide the control menu at the bottom of the screen.

Test the setting by moving something or ask someone to walk through the grid area within the camera view range. If the DVR detects movement within the grid area, a yellow figure would be presented in the screen. The grid should not cover flags, trees or other movable objects to avoid any false alerts.



## PLAYBACK

Go to system **Main Menu--Search**, view the following screen.

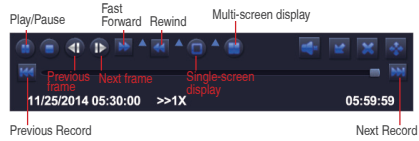


Select the channel



Start playing

**Search** recorded video by time or event, then replay.



**Previous Record:** Move to last recorded event

**Next Record:** Move to next recorded event

**Fast Forward:** video can be played at different speeds, from x1, x4 to x16 speed.

**Rewind:** Video can rewind at x1, x8, x16 & x32 speed.

**Screen Display Mode:** Both single-screen and multi-screen are available. You can choose how many channels you want to playback at a time. Channels with no recordings will display a blank screen.



## DISK CLEANING

If you need to delete the contents of the hard disk, you can format the HDD using the following steps,

Main Menu – Disk Management – Tick Hard Disk – Format

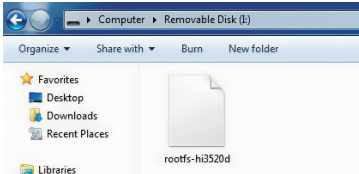




## UPGRADE

Access the website to check for any DVR software upgrades and carefully follow instructions provided.

**STEP 1** Copy the software upgrade to a USB drive ensuring it is in the root directory, as shown below.



**STEP 2** Plug USB drive into the rear USB port and unplug the mouse from the front USB port.



**STEP 3** Restart the DVR (Power off and on), DVR software will be upgraded automatically.



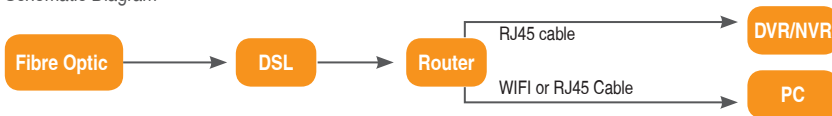
Note: please wait for 3-5 minutes until DVR interface presents.



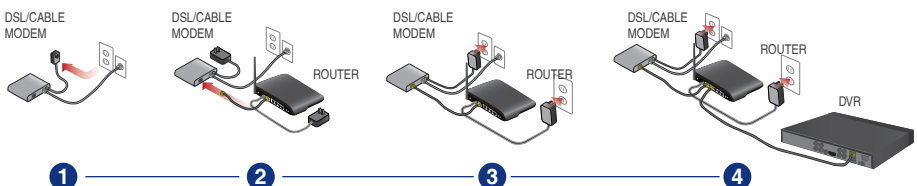
## REMOTE SURVEILLANCE GUIDE

### Step 1. How to connect DVR to LAN ?

Schematic Diagram



Unplug modem then connect router and device

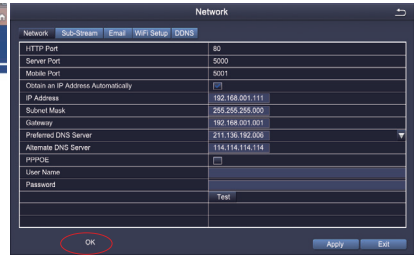
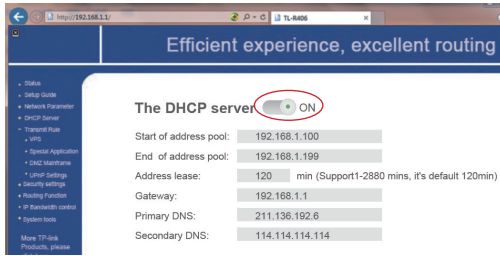


## Step 2. How to test your DVR's network ?

- (1) Right click Mouse - Main menu - Set up - Network
- (2) Tick 'Obtain IP address automatically'
- (3) Click Test, if 'OK' is displayed, the network is connected successfully.

Note: Please ensure DHCP in your router is turned on.

Note: Before monitoring via smartphone or computer, please ensure your DVR is connected to internet.



## Step 3. Remote Monitoring Setting

### A: Smartphone Remote Monitoring

#### Download App

Scan the QR Code or search ADCloud (in App store or Google play) to download the free app, then install on your mobile phone.



ADCloud



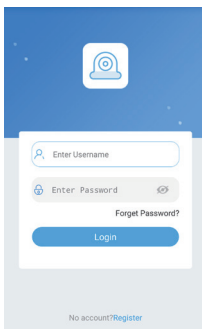
iOS



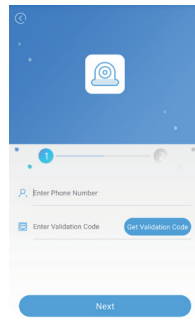
Android

### Personal Account Registration

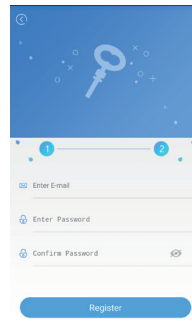
- Start the mobile app ADCloud
- Click "Register" in the bottom of interface
- Input your mobile phone number to get validation code,click Next to input email box,



Login Interface



Registration

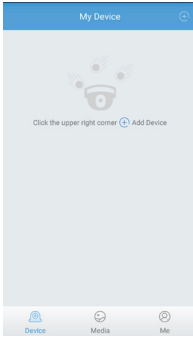


Login Password Setting

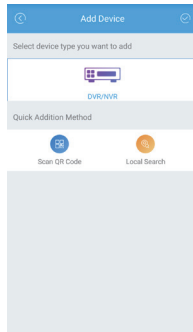
NB: The Email address is used to retrieve your forgotten password.

## Add Device

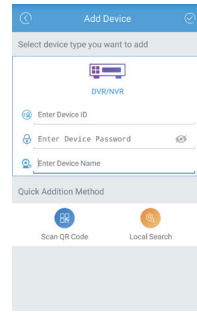
Login to the app, select the main interface (My Device), click "+" in the upper right corner, three different options of device addition are available.



My Device



Select Addition Method



Device Addition

### 1. Manual Addition

- Choose device type
- Input Device ID manually
- Input Password (same as DVR system login) and a Device Name (for reference only)
- Click ✓ to save

### 2. QR Code Scanning

- Find the Device ID QR Code (on DVR label and DVR Wizard Setting screen)
- Click Scan QR Code to obtain the Device ID
- Input Password (same as DVR system login) and a Device Name (for reference only)
- Click ✓ to save

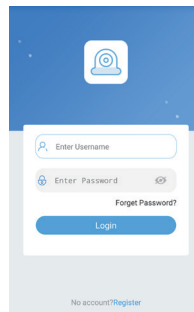
### 3. Local Search

- Turn on your mobile phone Wi-Fi and connect with the same network as the DVR
- Click Local Search, the Device ID will be displayed
- Select the Device ID to add
- Input Password (same as DVR system login) and a Device Name (for reference only)
- Click ✓ to save

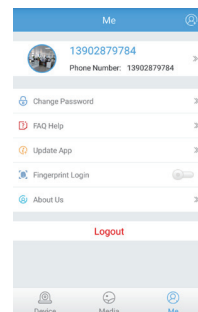
## App Function Introduction

### 1. App Introduction

- Forget Password: Click to retrieve password
- Change password: change app login password
- Update Loading: update your app to the latest version
- Fingerprint login: no need to input password if fingerprint touch function is available in your phone






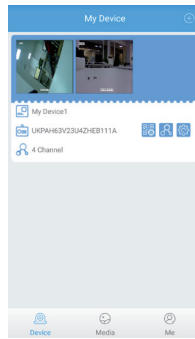
Login Interface



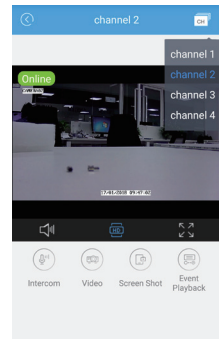
My Information

## 2.Device Information

-  UID QR Code of the device
-  Select channel to preview
-  Change password,turn on Alarm Push Notification and remove device
- Video: Click to start recording or stop recording
- Screen Shot: Click to catch photo
- Event Playback: to see the motion detection video and remote video in DVR storage(All time)
- SD/HD: change video resolution(Standard Definition,High Definition)
- Intercom: 2-Way talk if device support (current device does not support this function)



Device Information



Video Preview

## FAQ:

- 1).Q: Why does the App fail to find the device when adding ?  
A:Make sure the device and mobile phone are in the same local area network, select Manual Addition
- 2).Q:Why is the device is offline ?  
A:Please check,
  - If device has been connected to Internet
  - If router is working correctly
  - If router DHCP is enabled
- 3).Q:Why is it not possible to locate a recorded clip  
A:Please check,
  - If HDD is working normally
  - If the search period is valid
  - If the device system time is correct