

HOME PROTECTOR
SAFE AND SECURE

USER GUIDE

4-Camera CCTV Kit

(Aldi Product Ref: 069803022874100)

Introduction

The Home Protector CCTV kit is designed specifically for security and surveillance in the home or small business. It uses an embedded LINUX operating system with the standard H.264 video compression format and G.711A audio compression format ensuring the highest quality image and low error coding ratio. The robust network services greatly enhance the network data transmission capacity and remote control capability.

DVR Power and Camera Connections



DVR Power and Camera Connections



Kit Contents:

- A. DVR
- B. Video cameras and connection cables x 4
- C. 18m combined video/power cable x 4
- D. 12V=4A Power adaptor
- E. Mouse (see Fig. 3)
- F. HDMI cable (see Fig. 3)
- G. RJ45 Ethernet network cable (see Fig. 3)

2. Powering on the DVR

Plug in the power supply and turn on; the red power light indicates the DVR is now powered on. When the startup is completed you will hear a beep, and the default setting for video output is a multiple-window display showing the cameras.

NB: Restarting the DVR after an unscheduled power off will automatically restore the DVR's previous state.

3. Powering on the DVR

There are two methods to turn off the DVR; soft switch and hard switch. For soft switch, select [Main menu] and [Logout], select preferred option. For hard switch, turn off power to the DVR.

NB: If replacing the backup battery, ensure DVR settings are saved or these will be lost and will need to be re-entered.

4. Login

When the DVR is powered on, the user must login in order to view settings. There are two user settings;

- “admin”: super user settings with access to all DVR functions
- “guest”: has the ability to view and playback recorded video.

A screenshot of a 'SYSTEM LOGIN' dialog box. The title bar at the top is dark grey with the text 'SYSTEM LOGIN' in white. Below the title bar, the background is light grey. There are two input fields: 'User Name' with a dropdown menu showing 'admin' and a small downward arrow, and 'Password' with an empty text box. Below these fields is the text 'Please Login'. At the bottom, there are two buttons: 'OK' and 'Cancel', both with a light grey gradient and rounded corners.

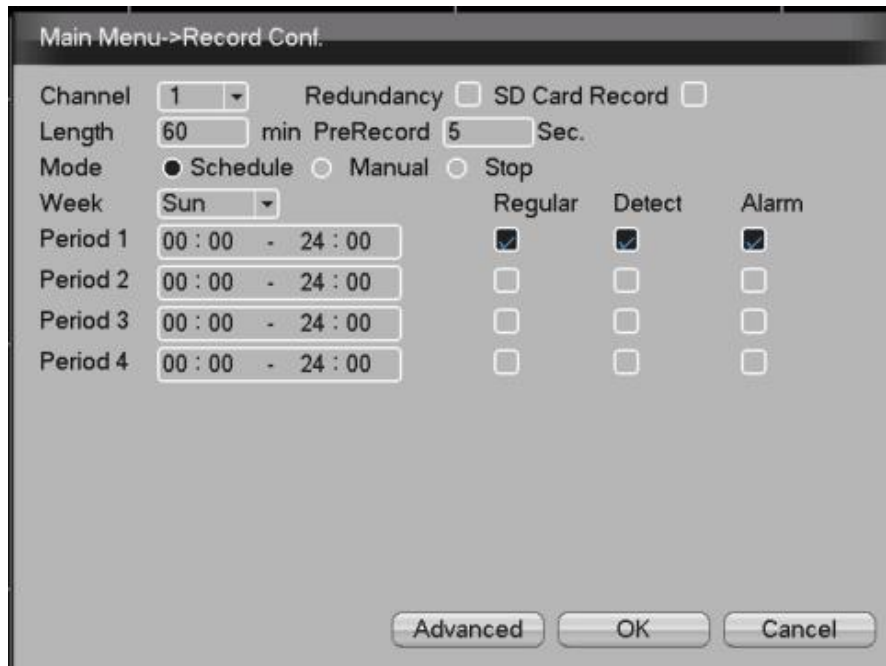
NB: If the password is entered incorrectly seven times, the alarm will sound. (By restarting the DVR or after 30 minutes, the account will be unlocked automatically). For your security, please set a password in [Main Menu]>[Account]>[Modify Pwd] after first login.

5. Preview

Login as normal and select the multi-menu preview status. The system date, time and channel name are shown in each viewing window. The surveillance and alarm status are also shown in each window. When an alarm is triggered, the screen will display: video detection, video shelter, video loss and alarm mark.

6. Recording Configuration

The DVR will default to record permanently from all connected cameras. Alternatively you can set the recording parameters in the Record Configuration menu. Select [Main Menu]> [Record]> [Record Config] to set.



The screenshot shows the 'Main Menu->Record Conf.' window. It contains the following settings:

- Channel: 1 (dropdown)
- Redundancy: SD Card Record
- Length: 60 min, PreRecord: 5 Sec.
- Mode: Schedule, Manual, Stop
- Week: Sun (dropdown)
- Recording Periods (Regular, Detect, Alarm):

Period	Time Range	Regular	Detect	Alarm
Period 1	00:00 - 24:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Period 2	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 3	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 4	00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Buttons at the bottom: Advanced, OK, Cancel.

Picture 2 - Record Config

- **【Channel】** Choose the corresponding channel number to set the channel. Choose the “all” option to set all channels.
- **【Redundancy】** Choose the recording file and backup for two devices. One is read-write disk, another is redundant disk.
- **【Length】** Set the time length of each video file. 60minutes is default length.

- **【Prerecord】** Record 1-30 seconds before the action. (file length is determined by the code stream)
- **【Mode】** Set record mode: schedule, manual or stop.

Schedule: Record according to the set video mode (regular, detect and alarm) and time selection.

Manual: Click the “all” button and set the corresponding channel recording no matter it is in any state.

Stop: Click the “stop” button and set the corresponding channel to stop recording no matter it is in any state.

【Period】 Set the time section of common recording, The recording will start only in the set range.

【Recording Type】 Set recording type: regular, detection or alarm.

Regular: Perform the regular recording in the set time section. The video file type is “R”.

Detect: Trigger the “motion detect”, “camera mask” or “video loss” signal. When above alarm is set as opening recording, the “detection recording” state is on. The video file type is “M”.

Alarm: Trigger the external alarm signal in the set time section. When above alarm is set as opening recording, the “detection recording” state is on. The video file type is “A”.

7. Snapshot Storage. (partial devices supported)

Setup snapshot parameters for different channels. please go to [Main Menu]>[Record]>[Snapshot Storage] for their appropriate settings.

NB: For normal snapshot storage, please setup Snap at [Main Menu]>[Advanced]>[HDD Manage]>[Snapshot].

Main Menu->SnapShot Conf.

Channel 1

PreSnap 2 Pictures

Mode Schedule Manual Stop

Week Sun

	Regular	Detect	Alarm
Period 1 00:00 - 24:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Period 2 00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 3 00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 4 00:00 - 24:00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advanced OK Cancel

Picture3 - Snapshot Storage

8. Video Playback

There are two methods for you to play the video files in the hard disk.





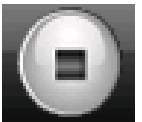

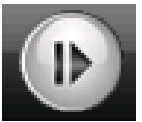





1. In the desktop shortcut menu.
2. Main Menu>Record>Playback.

NB: The hard disk used to store the video files must be set as read-write or read-only state.



Picture4 - Video Playback

1. **File option:** Choose the file to playback/backup.
2. **File information:** Start time, end time and file size.
3. **File Backup:** Backup files from HDD.
4. **Switch:** switch to the search interface.
5. **Playback control:** Refer to picture below.
6. **Operation hint:** Display function at the cursor position.

Button	Function	Button	Function
	Play		Previous File
	Backward		Next File
	Stop		Repeat
	Slow Play		Full Screen
	Fast Play		Cut backup
	Fast Rewind		File Label

9. Network Setup

Main Menu->Network

Net Card: Wire Netcard DHCP Enable

IP Address: 0 . 0 . 0 . 0

Subnet Mask: 0 . 0 . 0 . 0

Gateway: 0 . 0 . 0 . 0

Primary DNS: 202 . 118 . 232 . 108

Secondary DNS: 202 . 118 . 232 . 108

TCP Port: 34567

HTTP Port: 80

HS Download:

Transfer Policy: Quality Preferr

OK Cancel

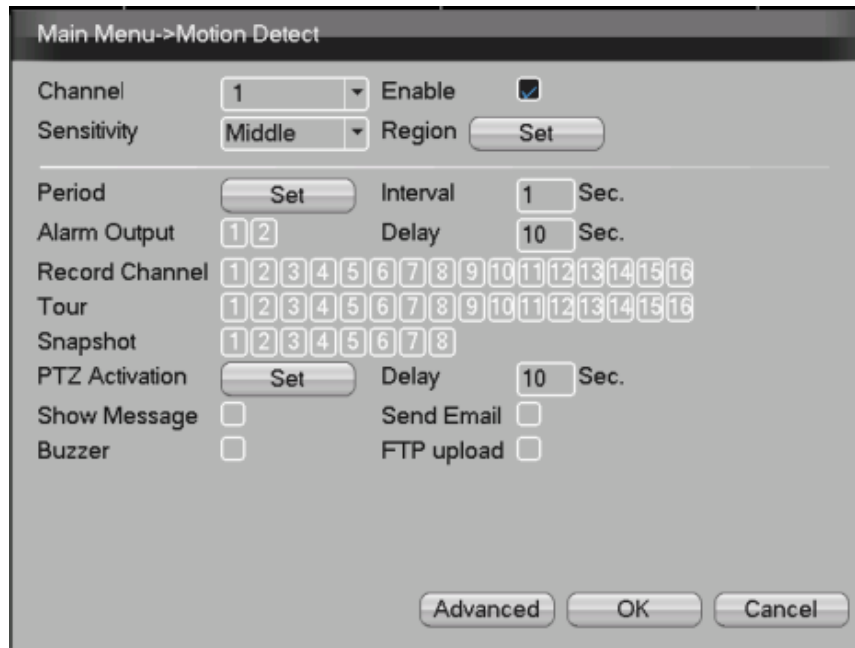
Picture 5 - Network Setup

Perform network setup through;
[Main Menu]>[System]>[Network]

【IP address】 Default: 192.168.1.10
【Subnet Mask】 Default: 255.255.255.0
【Gateway】 Default: 192.168.1.1

For manual setup, ensure the DVR's IP address and the Gateway are in the same network IP range. For automatic setup with your router, check the DHCP Enable box and after approx. 30 seconds the DVR & Gateway IP addresses will update. In order to access the DVR on the local network, enter the DVR IP address into the browser.

10. Alarm Setup



Picture 6 - Motion Detection

Example: Set DVR to alarm mode, create a linkage record and set the PTZ turn to a preset position when there is a moving object in designated areas during Monday to Friday.

1. Select **【Main Menu】 > 【Alarm】 > 【Alarm Set】**, then select Alarm Type.
2. Select a channel and sensitivity level, then set the time period of alarm surveillance. Set the monitor area by clicking "set" (default setting is all areas), then right click to return to Settings.
3. When in alarm mode, the DVR can perform linkage measures. Alarm Output, Record Channel, Tour, PTZ Activation, Show Message, Send Email and Buzzer.

4. Set the other channel alarm parameters following steps 2 and 3.

NB: Video Loss & Video Blind setup method is similar to Motion Detect.

11. PTZ Control

1. Select **【Main Menu】>【System】>【PTZ Config】** and set basic parameters such as channel and protocol.
2. Right Click the mouse, choose “PTZ Control” and manually control the PTZ camera. Use the mouse to manually control the PTZ direction. Use the mouse wheel to zoom in/out with the selected camera.