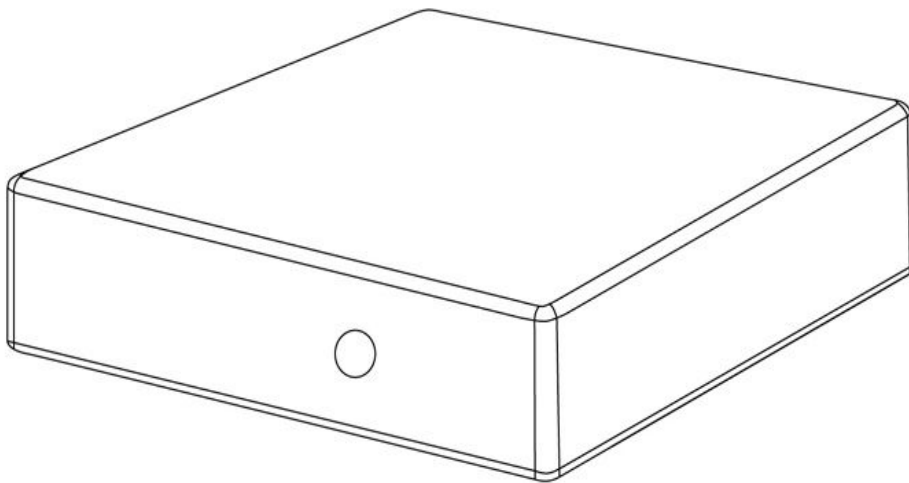


720P Black Box

- HD Stealth Camcorder -

User Manual

Ver. 1.4.0



F40708000

Oct 24, 2014

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Quick Start Guide

Step1



- * insert a battery & a micro SD
- * put the cover on

Step2



- * slide the switch to "on" for recording

Step3

- * the PIR will be triggered when movement pass by



Step4

Option1



- * insert the SD card to your PC and check the videos

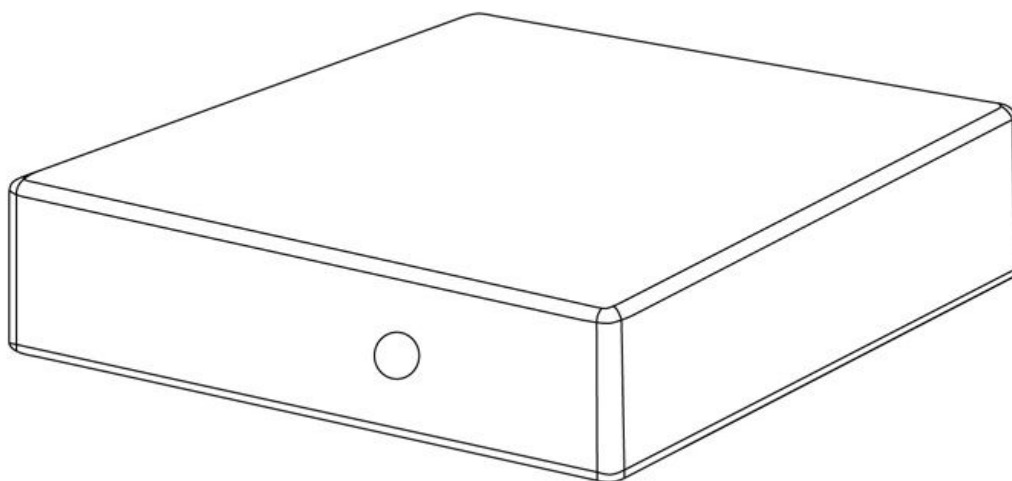
Option2



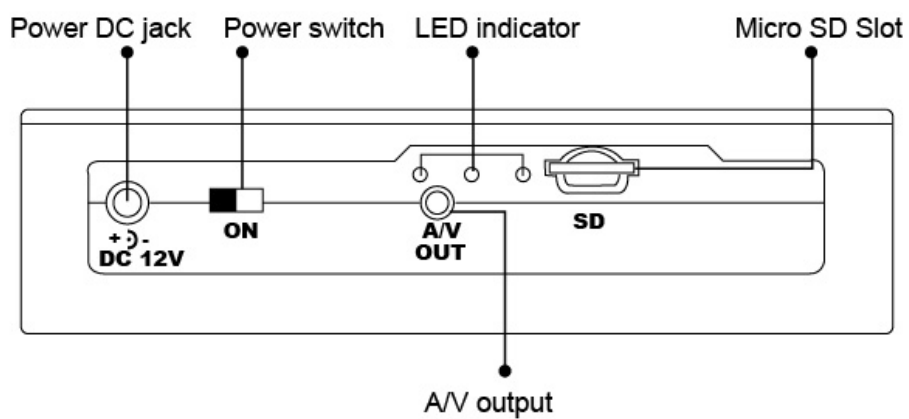
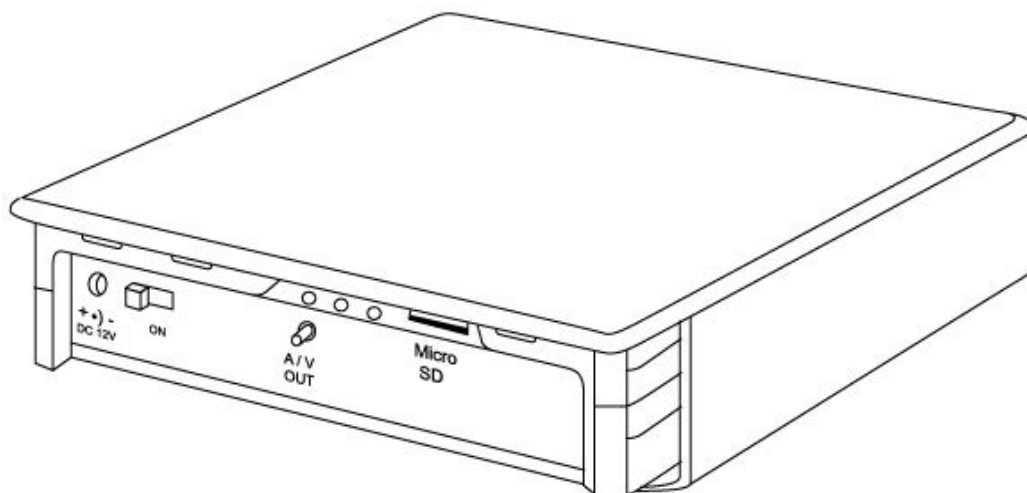
- * play the videos back directly through the monitor

Diagram

Front
















Rear



LED Indicator Status

- ▶ LED will light up when you turn the power switch to "ON", and then LED will follow below behavior.

Power Indicator (Red LED)	 On Power on	 Blinking N/A	 Off Power off
SD Card Indicator (Green LED)	 On System ready and Micro SD card is working normal	 Blinking Fast Blinking (0.25s) : SD Card Full	 Off Micro SD card is abnormal or not working
		 Blinking Slow Blinking (1s) : Recording	
Battery Indicator (Yellow LED Device: on)	 On Powering or Battery full of charge	 Blinking Fast Blinking (0.25s) : less than 20% (around) battery power left	 Off N/A
		Slow Blinking (1s) : more than 20% (around) battery power	
Battery Indicator (Yellow LED Device: off)	 On Powering	 Blinking N/A	 Off Battery full of charge

How to Charge The Battery

Connect the provided power adapter to the unit. The "Yellow" LED will be on if the battery is charging. Please fully charge for **7~8 hours**. (*Please charge for **10 hours** when you charge the battery for the first time.*) With the optional cradle, the charging time is around **3 hours** and the green LED will be on. The battery, after fully charged, can last for **6.5 hours** at least under continuous recording. However, the battery power will be dramatically reduced when recording with IR LED. Under motion activation or power saving mode, Motion Activated Black Box can last for longer.

- ▶ NOTE: Under low temperature conditions, the battery will have a shorter life than normal.
- ▶ NOTE: Please use the bundled power adapter only. Damage which is caused by other power adapter will be beyond warranty.
- ▶ NOTE: please re-charge the battery to full when receiving SC1720.
- ▶ NOTE: For better performance it is recommended to charge the battery once every 3 weeks.

Package Contains

SC1720 Main Unit x 1



Remote Control x 1



Power Adapter x 1



3.7V 4800mA Li-polymer battery x 1



Compatible Storage

In order to work properly, below micro SD card brands and class 6 above are highly recommended.

- * Apacer
- * Toshiba
- * Sandisk
- * Kingston
















Micro SD card Class 6 or above is highly recommended, and will have smoother footage.

IMPORTANT:

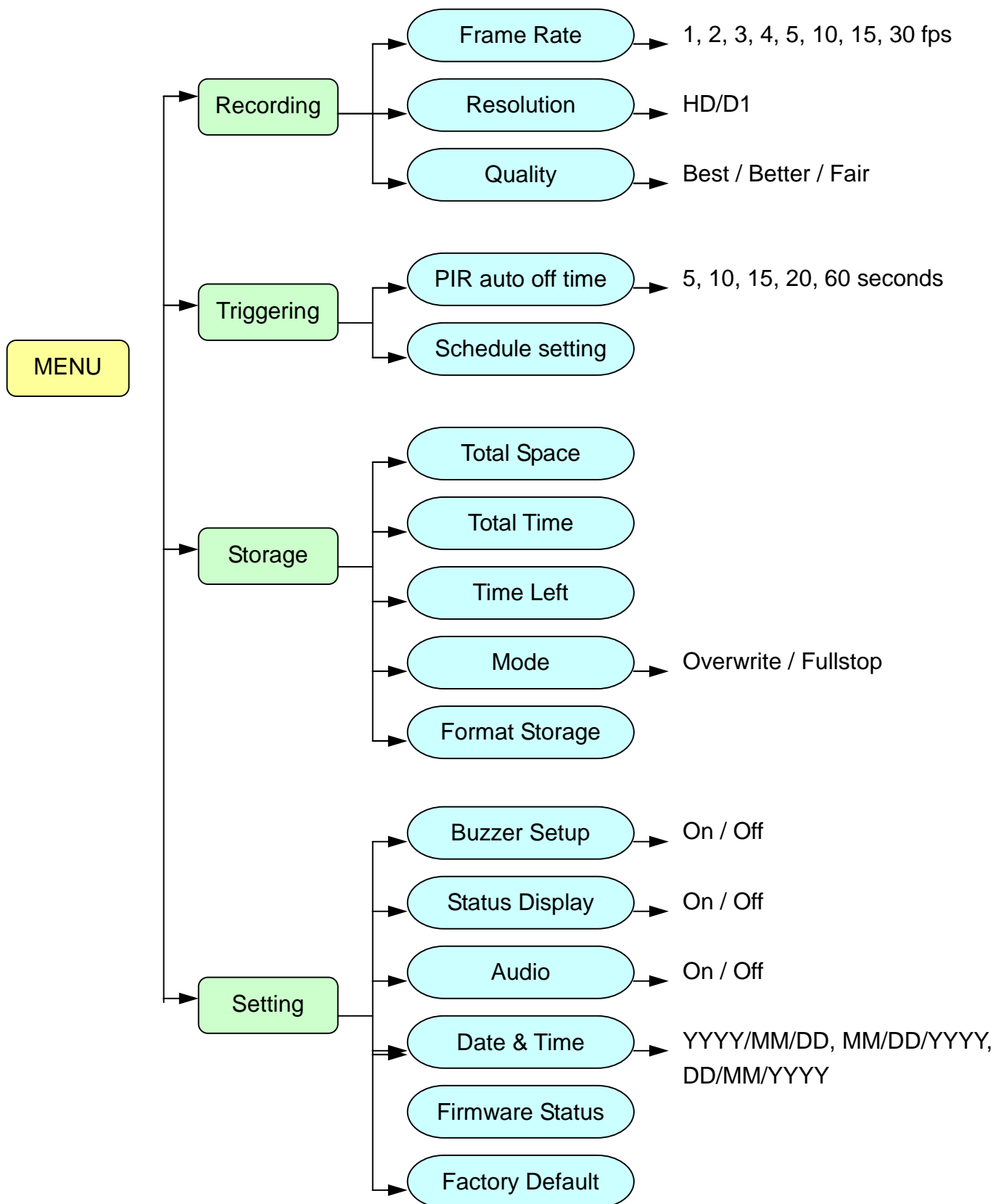
1. Please format the micro SD card by black box first before recording.
2. Please put micro SD card inside first before starting to use the device.
3. Black box will turn off automatically under below situation.
 - ✧ No micro SD card put inside
 - ✧ Press menu button in playback mode
 - ✧ Out of OSD
 - ✧ Card full when storage mode is fullstop.
 - ✧ Schedule setting is "none"

IR Remote Controller

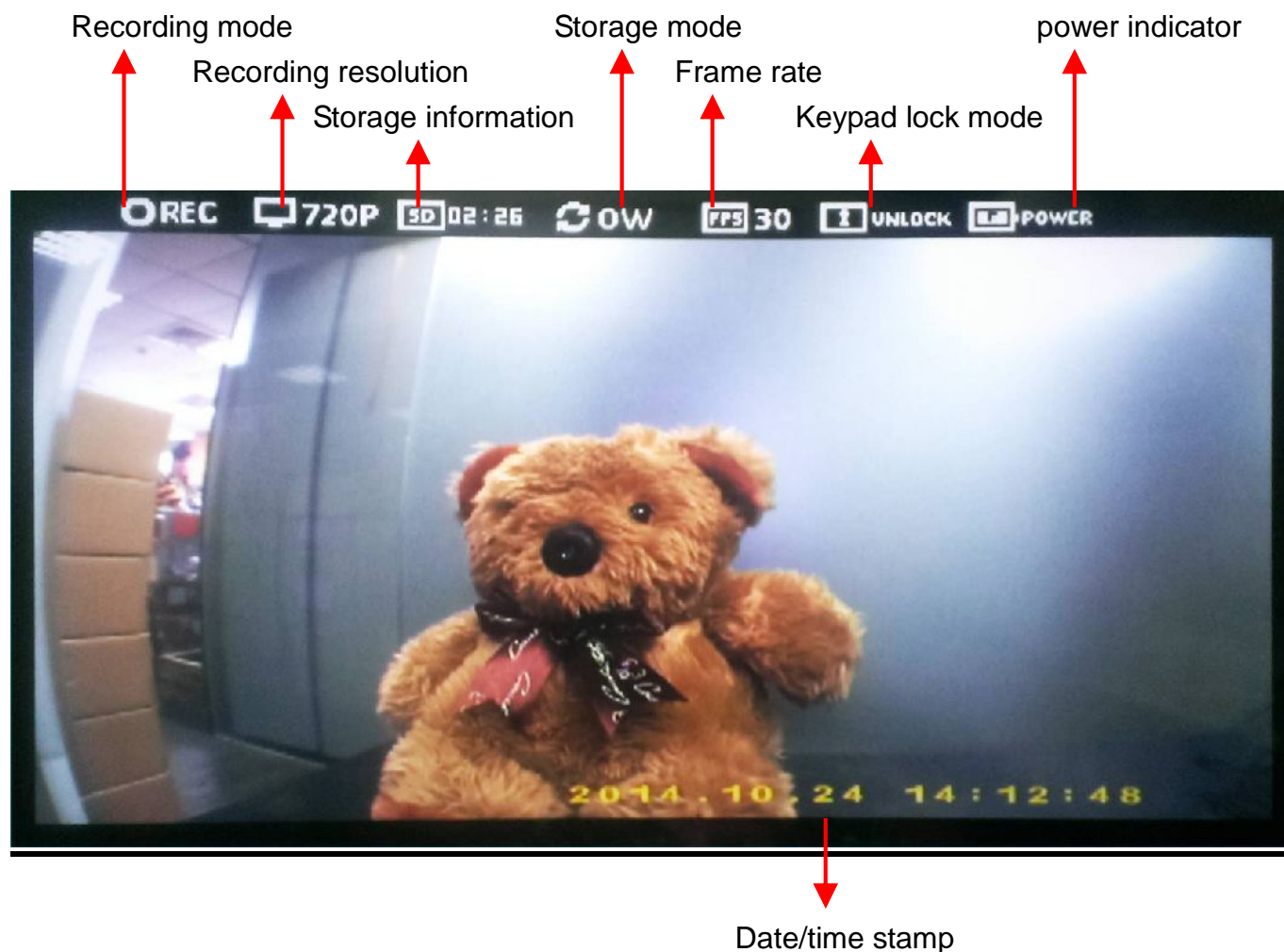


Icon Button	Function	Description(s)
	Recording	Start to recording manually or to power off the device.
	Lock / unlock	Key lock / unlock
	Menu	Exit to last page or enter into OSD setting.
	UP / DOWN / LEFT / RIGHT	
	Enter	Confirm or enter to next page.
	Playback / 1X forward	Go to playback list or move 1X forward.
	Pause	Pause video playing.
	Stop	Stop video playing.
	Rewind	1X rewind.
	Fast forward	1X / 2X / 4X / 8X fast forward
	Fast rewind	1X / 2X / 4X / 8X fast rewind
	LED	LED on / off
	No defined	
	No defined	
	No defined	

OSD Menu Structure Tree








Live View Screen



OSD Operation

- ▶ Press "**Menu**" to get into the On-Screen-Display (OSD) page and modify the default setting(s). There are five categories in the OSD, they are: "**Recording**," "**Triggering**," "**Storage**," and "**Setting**".



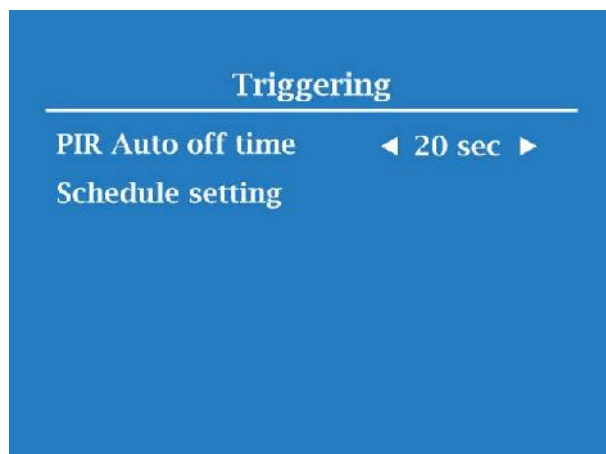
- ▶ In this page, please press "**OK**" to enter into any mode, which you would like to adjust. For example, in recording mode, using   to select items and using   to change setting.
- ▶ After all settings been done, press  to exit the setting mode.

1) Recording:



- ▶ Press   to change setting.
- ▶ Press   to select item.

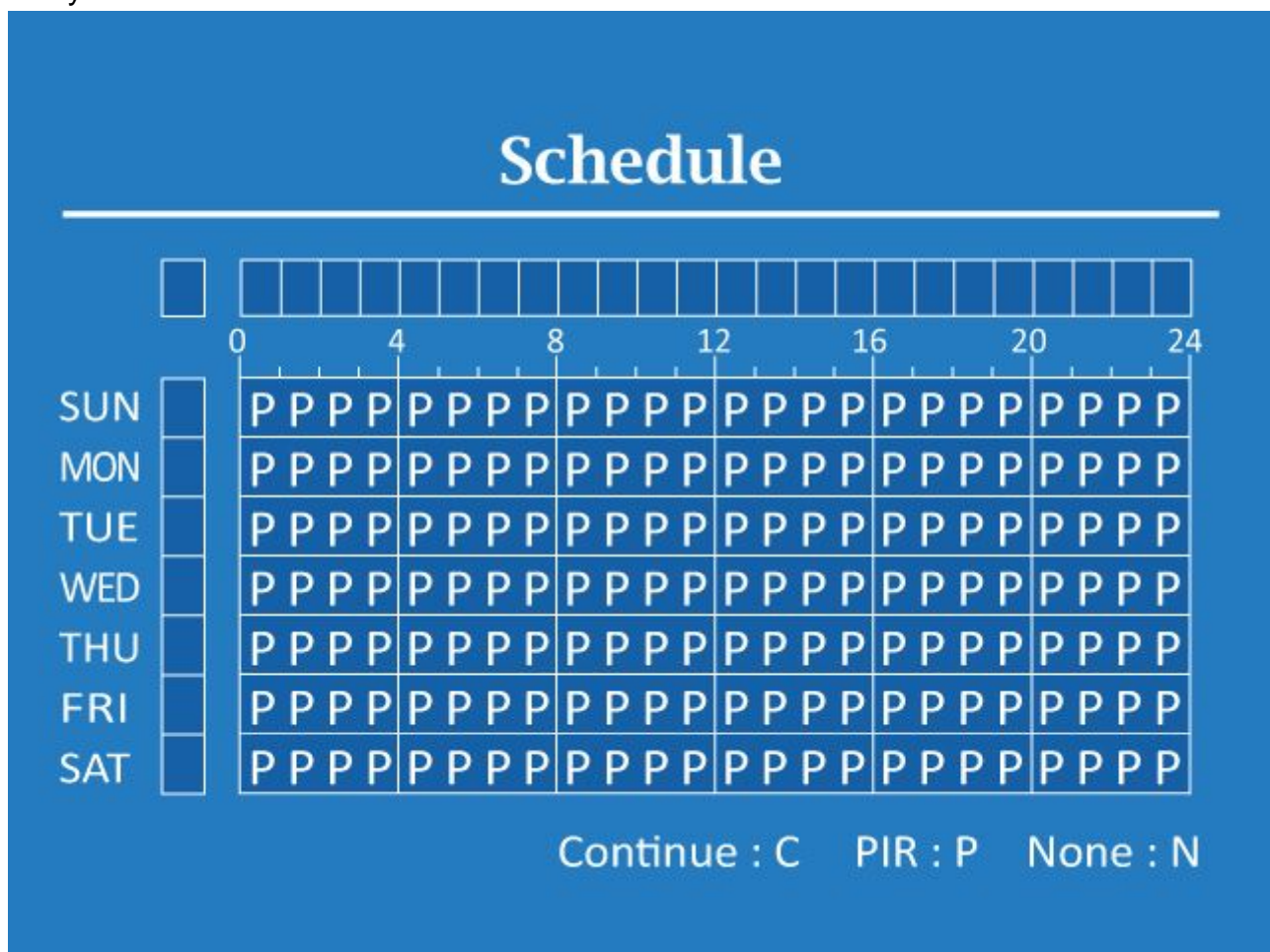
2) Triggering:



► Press   to change setting.





► Press   to select item.

- In the "Schedule," you can select all / column / row to change the schedule setting by hour, day or week at one click







3) Storage:

Storage	
Total Space	4 GB
Total Time	00:57
Time Left	Recycling
Mode	◀ Overwrite ▶
Format Storage	

- ▶ Press   to change setting.
- ▶ Press   to select item.
- ▶ Total space and total time will be calculated automatically.





4) Setting:

Setting	
Buzzer Setup	◀ On ▶
Status Display	: On
Audio	: On
Date & Time	
Firmware Status	
Factory Default	

- ▶ Press   to change setting.
- ▶ Press   to select item.
- ▶ Buzzer "off" will mute the remote control sound.
- ▶ Status display "on" will show all the setting icons on the live-view screen.
- ▶ MIC in "off" will mute the video recording.

▶ Day & Time

YYYY / MM / DD
2014 / 08 / 07
12 : 17 : 45

- ▶ Press   to select item.
- ▶ Press   to change values
- ▶ Date & time format: YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY

► Factory Default

Default values :

Recording : HD / 30fps / best quality

PIR auto off time : 5 sec

Schedule : All Time PIR

Mode : Overwrite

Buzzer : ON

Status display : ON

Are you ready to reset?

Yes

No




- Factory default will show all the default values in factory setting.
- Press “Yes” to load default setting

5) Playback mode:

Playback Menu

File Search





Date / Time Search

- Press  to enter Playback Menu.
- Press   to select item.
- Press OK to enter the selected item.

**File Serch mode






PICT0506.AVI	2014.09.15	10:41:58
PICT0507.AVI	2014.09.15	10:42:30
PICT0508.AVI	2014.09.15	10:44:12
PICT0509.AVI	2014.09.15	10:46:44
PICT0510.AVI	2014.09.15	10:47:32
PICT0511.AVI	2014.09.15	10:50:12
PICT0512.AVI	2014.09.15	10:51:36
PICT0513.AVI	2014.09.15	10:52:22
PICT0514.AVI	2014.09.15	10:52:56
PICT0515.AVI	2014.09.15	10:54:14

0433-0430

- Select the file you would like to playback.
- Press “OK” to play the file
- Press  back to file list
- Press  in file list page, and then DVR will turn off.
- Press   for page up and down

** Date / Time Search



- ▶ Press   to select item.
- ▶ Press   to change values
- ▶ Press “OK” to play the file
- ▶ Press  when file playback, and then DVR will turn off.

Specification

Dimension	120*120*30 mm
Operation Temperature	0 °C ~ + 50 °C
Video Resolution	HD (720*1280) / D1 (720*576 PAL / 720*480 NTSC) @30fps
Power Supply	Li-polymer 4800 mAh or DC 12V
Video Compression	H.264
Video Recording Schedule	PIR Motion / None
Playback	Fast Forward / Rewind
Recording Quality	Best / Better / Fair
Recording Frame Rate	1, 2, 3, 4, 5, 10, 15 & 30 fps
Video format	AVI
Recording Storage	Micro SD card
Antenna Gain	13dBm @ 6Mbps 10dBm @ 54Mbps
Receiving Sensitivity	90dBm @ 6Mbps 72dBm @ 54Mbps
Audio Recording	Yes (Optional)
Audio Input	Condenser Microphone
Audio Output	Analog 1 channel output
Control	IR remote control
Power Consumption (recording status)	nominal 2.0W
Mission Standby Time	Around 700 hours (29 days +)
PIR post recording	5, 10, 15, 20, 60 seconds
Video Storage Mode	Full-stop or Overwrite
PIR Motion Detection	Support
Key Lock / Unlock	Support
Angle of View	120° x 96° x 72°
Low-lux Environment	Support

Thank you for purchasing our 720P Black Box. Please read this manual before installation.

For customer support, contact your dealer, keep your Invoice for further support.



Do not open/modify the device, as it may cause damage to the unit and void the Warranty. For internal repairs, consult your dealer or an Authorized Service Center.



Do not use any accessories other than what comes with the unit otherwise, it would void the warranty.



Protect from humidity. Do not put it in water and be careful to protect it from rain, sea water, or high humidity environment etc.



Protect from high temperatures

To avoid damage or mis-operation of the device, only use in temperature of 0 ~ +40°C.



Do not bring the device suddenly from a hot to a cold place, or vice versa. This may cause damaged to the inside of the unit by creating condensation.



EU Environmental Protection

The symbol of crossed-out garbage shows that this product should not be treated as household waste, and it falls into the category of *electric /electronic* equipment for recycling. This electronic device should not be disposed in a regular trash. We strongly advice you to contact related authorization before you dispose this product.