

Instructions Manual

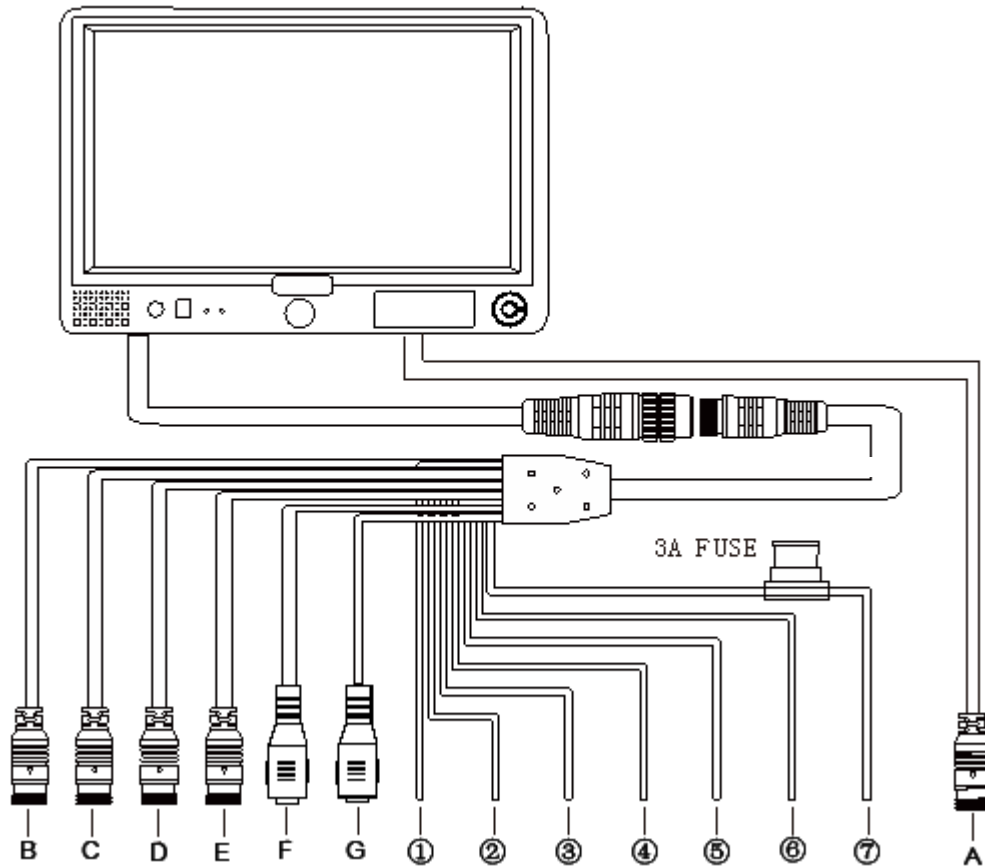


Please read this manual before you use the product.
The product may be different from the described in the manual depending on renewal or upgrade of S/W version and performance and it can be altered without notice.

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1. Connections



- | | | |
|--------------|-----------------------------------|---------------------------|
| A: GPS | GPS Input | ① White: Camera 1 trigger |
| B: Camera1 | White 4 PIN Female | ② Blue: Camera 2 trigger |
| C: Camera2 | Blue 4 PIN Female | ③ Green: Camera 3 trigger |
| D: Camera3 | Green 4 PIN Female | ④ Brown: Camera 4 trigger |
| E: Camera4 | Brown 5 PIN Female / 4 PIN Female | ⑤ Purple: Speed |
| F: Video Out | Yellow RCA Female | ⑥ Black : Ground |
| G: Audio Out | White RCA Female | ⑦ Red: VCC |

3. Controls



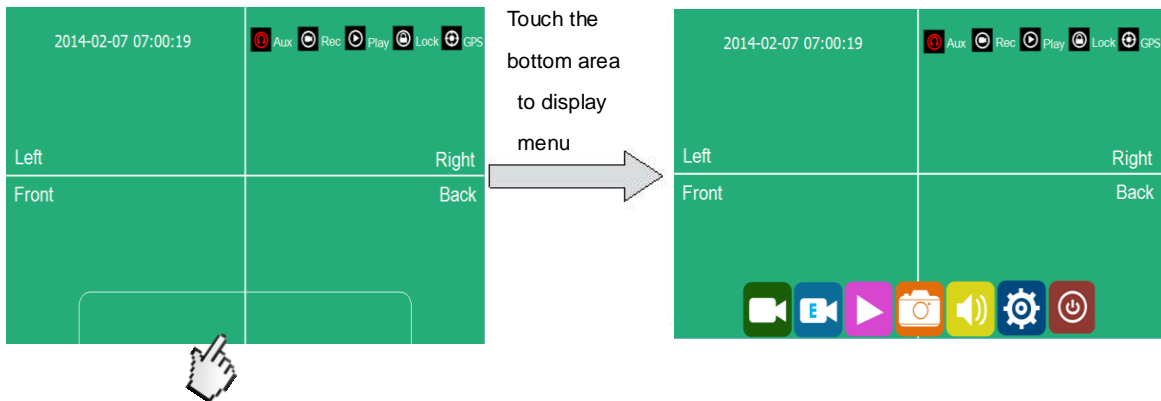
- ①AUX Input
- ②Remote Receiver
- ③LDR
- ④Recording Indicator
- ⑤Power
- ⑥Lock
- ⑦Emergency Hole
- ⑧Micro SD Slot
- ⑨HDMI Input

Power Function:

- a/ Short press the power button to turn the monitor on when the panel LED is red.
- b/ Press the power button for 5 seconds to turn off the monitor.
- c/ Short press the power button to turn off the backlighting when monitor is on.

LDR:Light dependent resistor.
 Emergency Hole:Press the emergency hole using some needle can reset the whole machine, in case the system halted.

4. Operation



4.1 Time and Indicators

Top left displays date and time.

Top right displays 5 indicators: AUX/Rec/Play/Lock/GPS

AUX indicator turns red when AUX audio is inserted on the front panel.

Rec indicator turns red when recording.

Play indicator turns red when playing back.

Lock indicator turns red when menu is locked.

GPS indicator flickers when searching signal.

GPS indicator turns red when GPS signal is received.

4.2 Menu Operation



Click this icon to start or stop recording. Video files are saved in normal list of player menu.

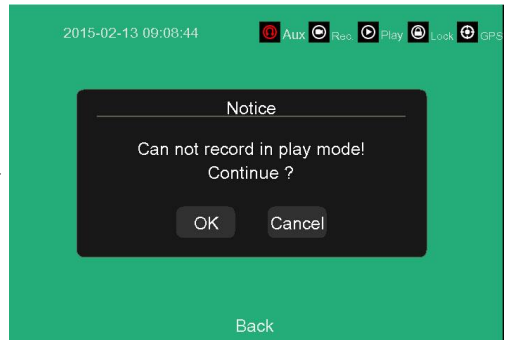
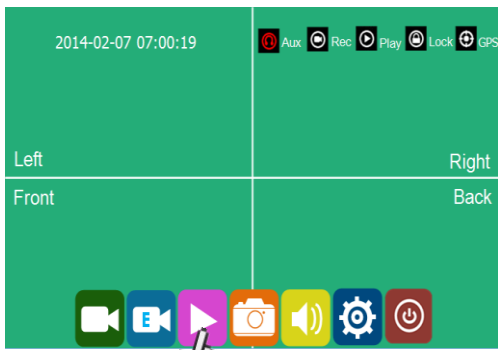


Click this icon to start event recording. The video buffer 15 seconds before the click will also be saved in this event record mode. The event recording will stop when the pre-set recording time is up. Video files are saved in event list of player menu.

Click the icon again when the event recording is not ended, the monitor will will switch to normal recording after pre-set recording time is up.



Click this icon to play back video. A prompt dialog will show“Can not record in play mode! Continue?” Click OK to enter recording calendar menu. Video files are available in green highlighted dates. Click the date to select, play or delete video files or snapshots. Multiple video files can be selected to play back in sequence, while snapshots must be viewed in folder one by one.



Normal Recording list	Event Recording List	Capture List
<input checked="" type="checkbox"/>	20150205235936_f.msv	200 MB SD1
<input checked="" type="checkbox"/>	20150205235206_f.msv	200 MB SD1
<input checked="" type="checkbox"/>	20150205234436_f.msv	200 MB SD1
<input checked="" type="checkbox"/>	20150205233706_f.msv	200 MB SD1
<input checked="" type="checkbox"/>	20150205232935_f.msv	200 MB SD1
<input checked="" type="checkbox"/>	20150205232205_f.msv	200 MB SD1
<input type="checkbox"/>	20150205231435_f.msv	200 MB SD1
<input type="checkbox"/>	20150205230706_f.msv	200 MB SD1

Buttons: Play, ALL, Protect, Delete, Exit

Normal	Event	Capture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	JPG20150210161409 SD1
<input type="checkbox"/>	<input checked="" type="checkbox"/>	JPG20150210151409 SD1

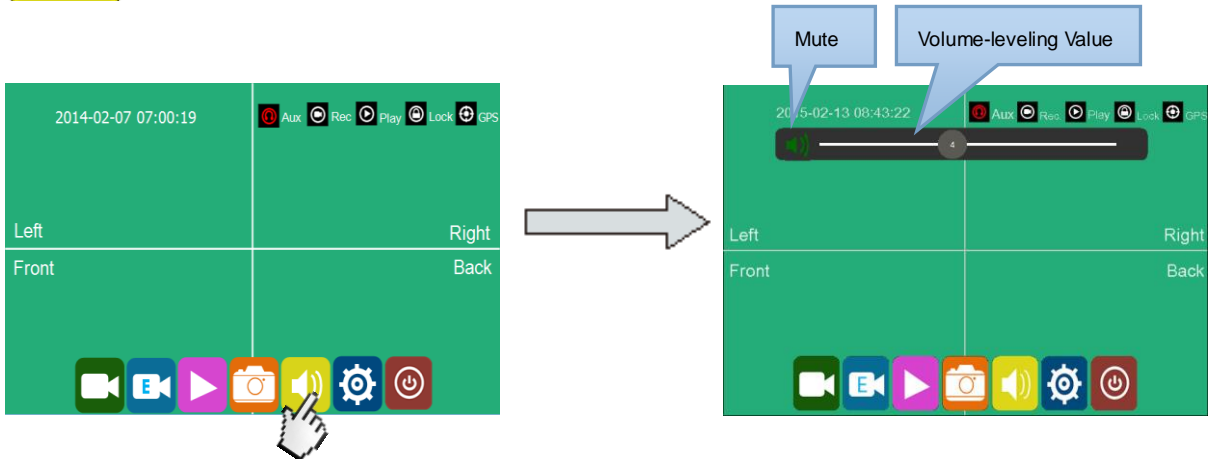
Buttons: Play, ALL, Protect, Delete, Exit



Click this icon for snapshot under live recording and playback mode. "Snapshot Success" will display when snapshot is done. Pictures are saved in capture list of player menu.



Click this icon to adjust volume under live recording and playback mode.



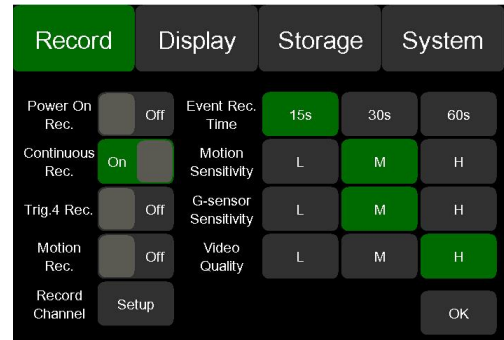
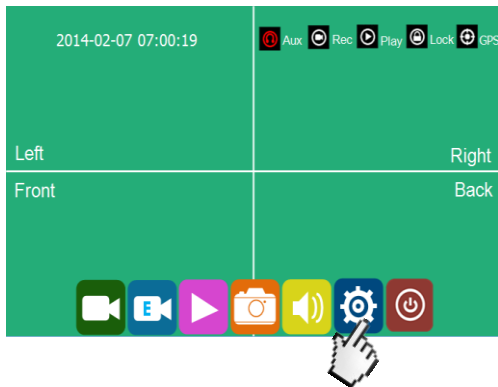
Click this icon to set menu. A prompt dialog will display "Can not record in configuration mode! Continue ?" Click OK to enter.



Click this icon to turn off the monitor.

5. Main Menu

5.1 Record



Power On Rec:

Recording will start when power is on if setting the Power On Rec ON.

Continuous Rec:

New video files will overwrite the previous ones when SD cards are full if setting the Continuous Rec ON. Recording will stop when SD cards are full if setting the Continuous Rec OFF. Overwriting will not cover event recording files.

Trig.4 Rec:

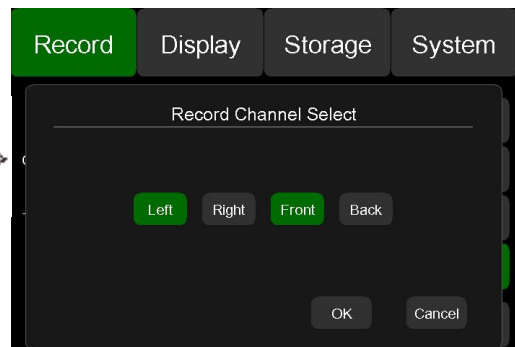
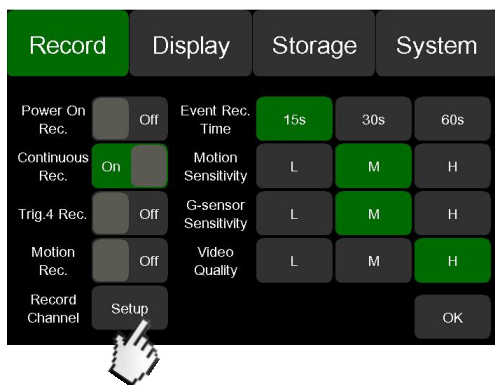
Event recording will start if setting the Trig.4 Rec ON.

Motion Rec:

Event recording will start if set the Motion Rec ON.

Event Record Time:

Event recording time can be set from 15 seconds, 30 seconds to 1 minute.



Record Channel:

Select any camera channel for recording. Default setting is recording ALL channels under normal record and power on record mode, while it is ALL channels for event recording and can't be changed.

Motion Sensitivity:

Motion Sensitivity is optional for low, middle, high level.

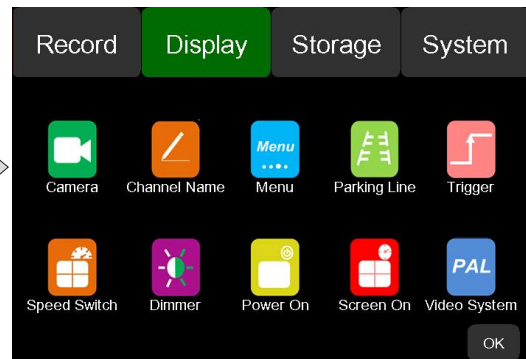
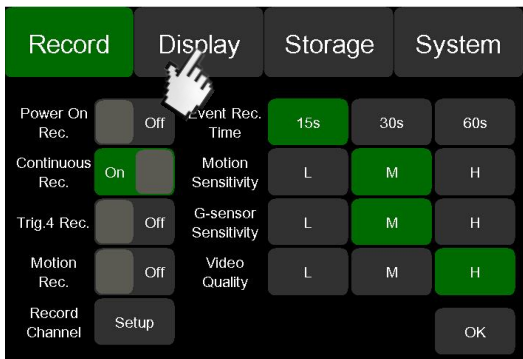
G-sensor Sensitivity:

G-sensor Sensitivity is optional for low, middle, high level, which stands for +/-1g, +/-2g, +/-4g.

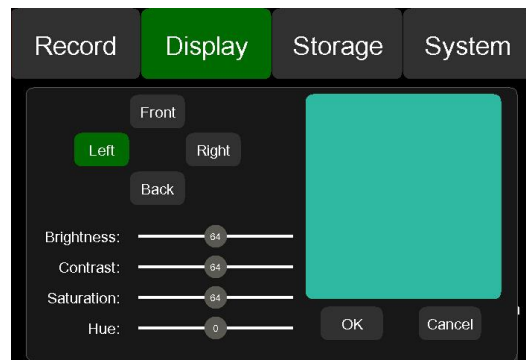
Video Quality:

Resolution of video quality is classified into low /middle /high. Default quality is high.

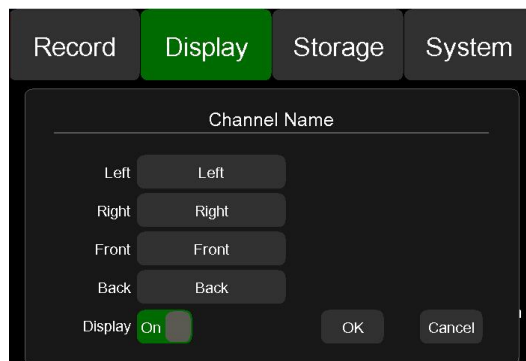
5.2 Display



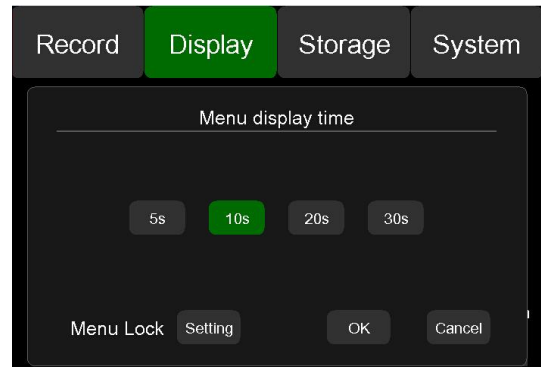
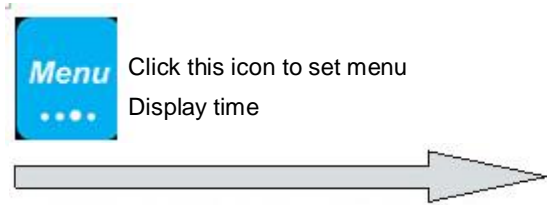
Camera Display Setting



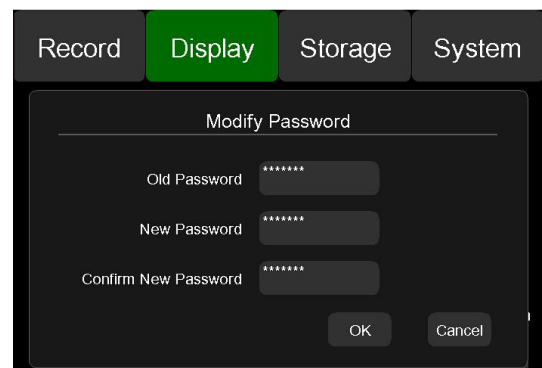
Camera Name Setting



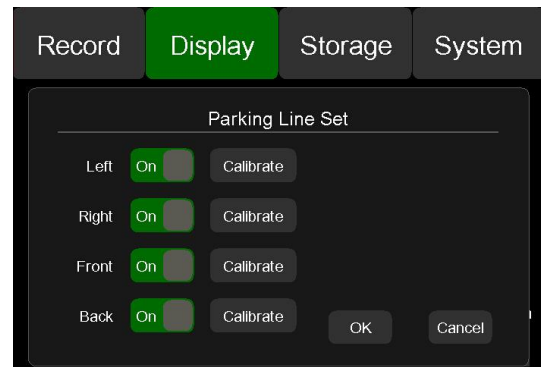
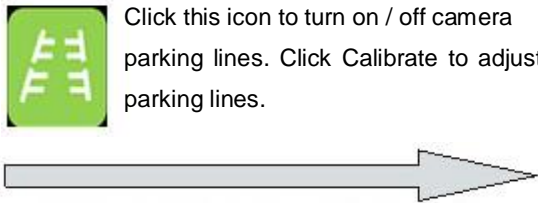
Click the camera name in the gray box and input new one with maximum 8 digits.



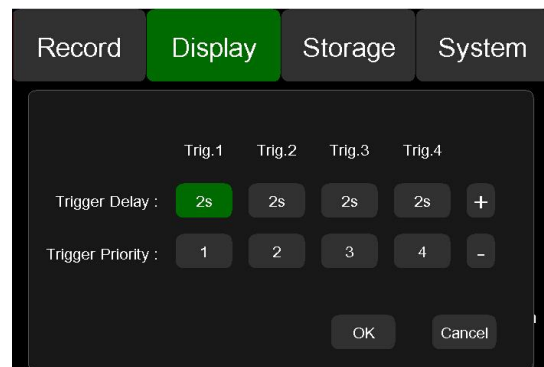
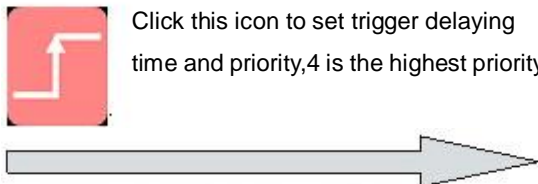
Click Menu Lock Setting to set menu password. Default Password is 123456



Click this icon to turn on / off camera parking lines. Click Calibrate to adjust parking lines.

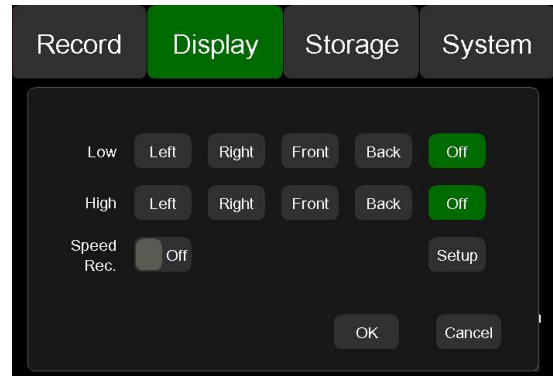


Click this icon to set trigger delaying time and priority, 4 is the highest priority.



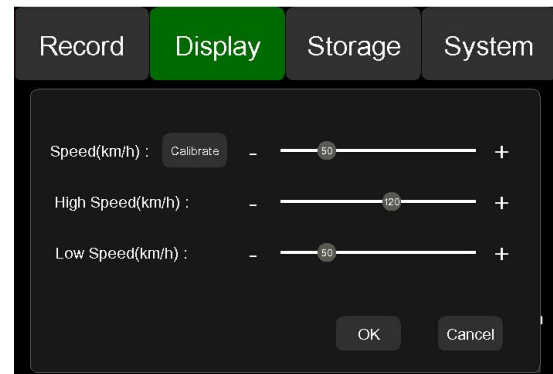


Connect the vehicle speed wire with the monitor speed wire before operation. A full screen of selected camera will be displayed when the vehicle is over speed or underspeed. Click the Option icon to set the speed threshold. Speed recording will start if setting the Speed Rec. ON.

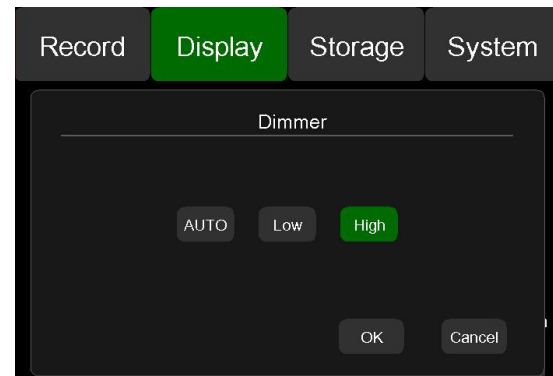


Speed Switch—Option...

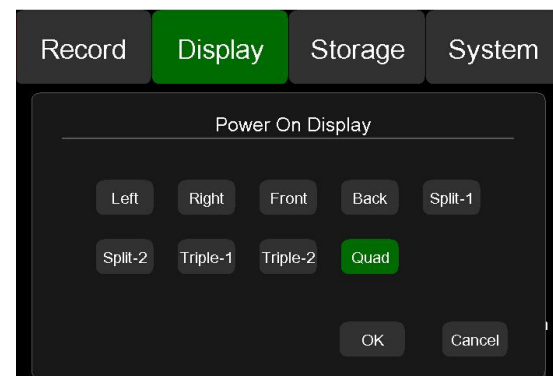
Click the Calibrate icon to calibrate the current speed for the monitor. Then you can set the threshold of High Speed and Low Speed to display the corresponding camera.



Click this icon to set backlighting value.

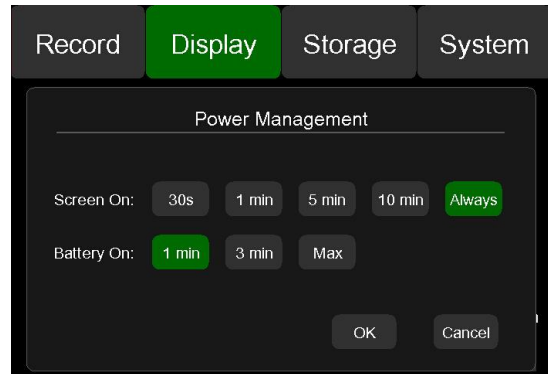


Click this icon to set power on display mode.

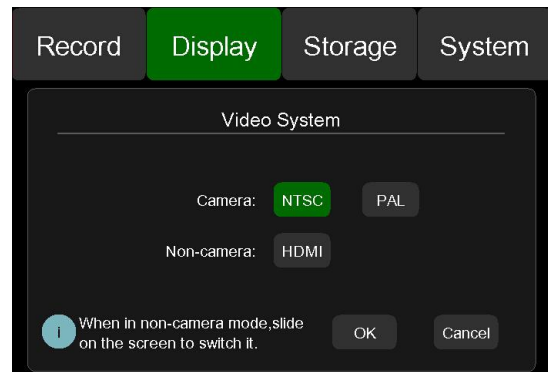




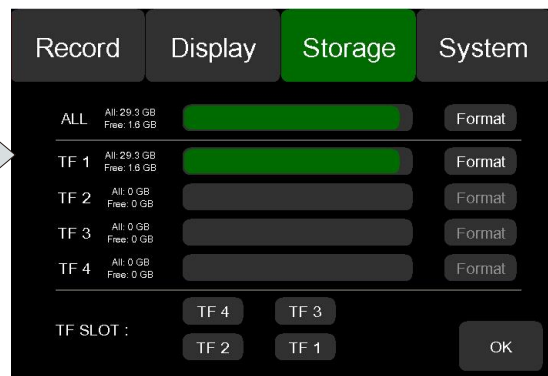
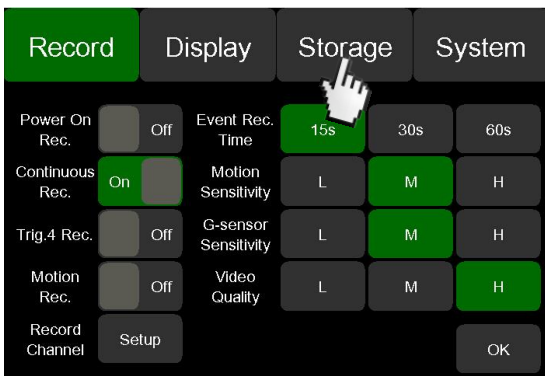
Click this icon to set screen on duration and battery power supply duration after external power is off.



Click this icon to select video system Under camera mode or HDMI input under non-camera mode.



5.3 Storage



ALL: Capacity and free capacity for all cards.

TF1~4: Capacity and free capacity for each individual micro SD card.

Format : Format micro SD card.

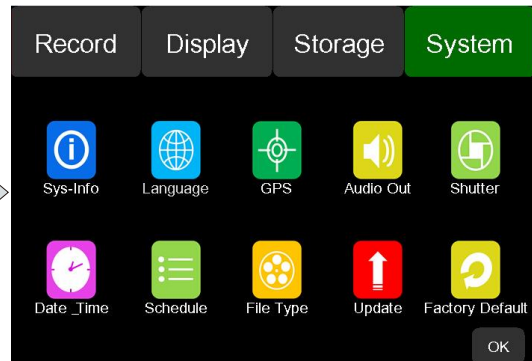
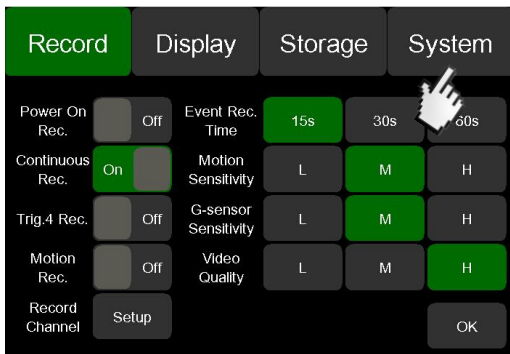
All: Formal all micro SD cards.

TF1~4: Format any individual micro SD card. Format icon will be gray if SD card is not found.

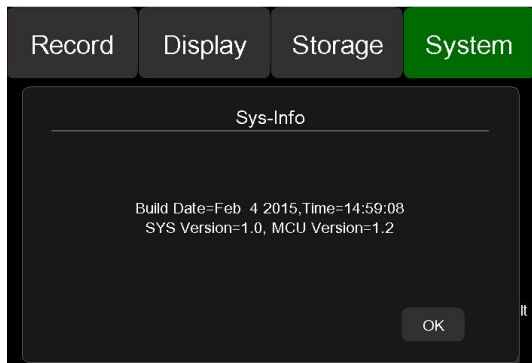
TF SLOT: Micro SD card slot position.

Warning: Micro SD cards must not be taken out during recording or playback.

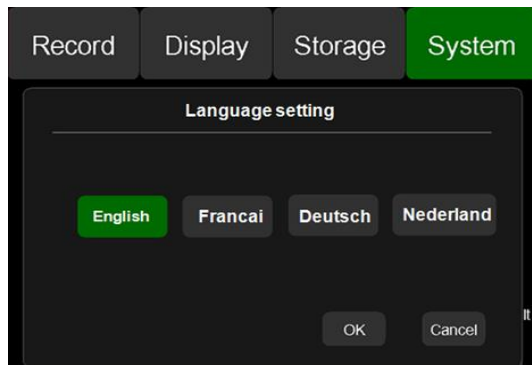
5.4 System



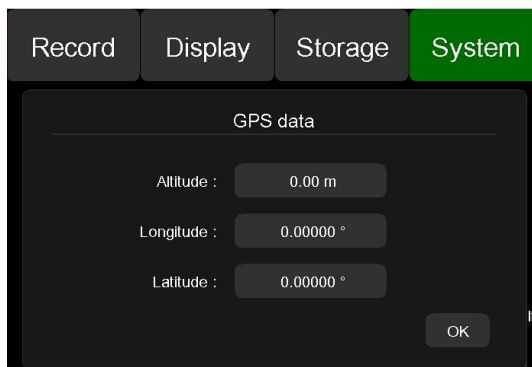
Click this icon to display the monitor Software release time and version



Click this icon to select language

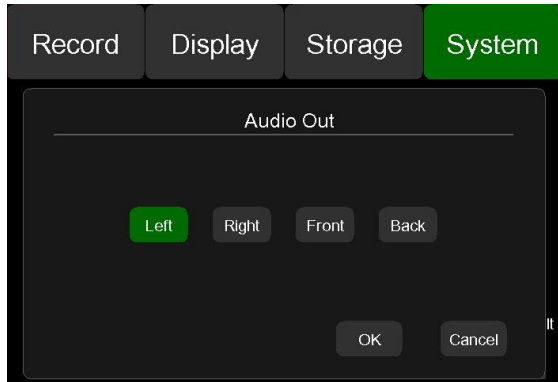


Click this icon to display GPS information

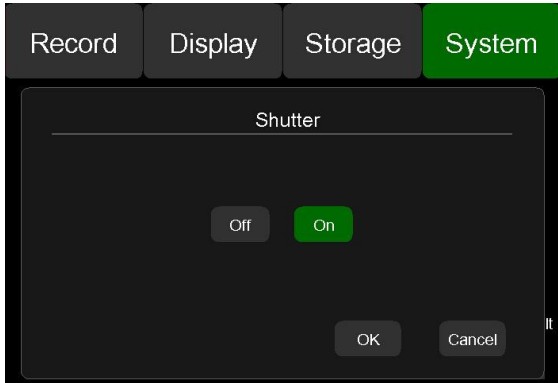




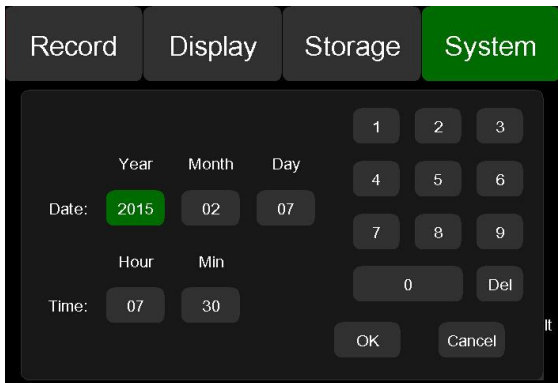
Click this icon to set audio out channel.



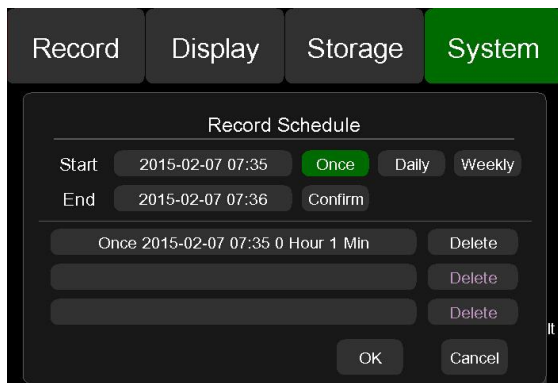
Click this icon to set shutter on or off When using a motorized camera.



Click this icon to set date and time. Year should range between 2000-2037



Click this icon to set scheduled recording.



Start: Start time of scheduled recording.

End: End time of scheduled recording.

Confirm: Add scheduled recording

Scheduled recording:

- * Add a scheduled recording with maximum of 3. Scheduled recording can be set once, daily or weekly.

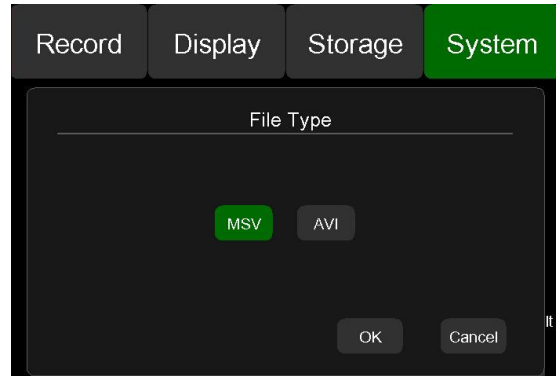
- * Single scheduled recording will display as expired, completed or deleted.

- * Overlapped scheduled recording is not allowed.

- * Recording setting must be resumed if interrupted.



Click this icon to select file type.



Update: Click this icon to update software.



Factory Default: "Confirm to restore the factory setting ?" Click this icon to restore factory setting.

