

Instructions Manual

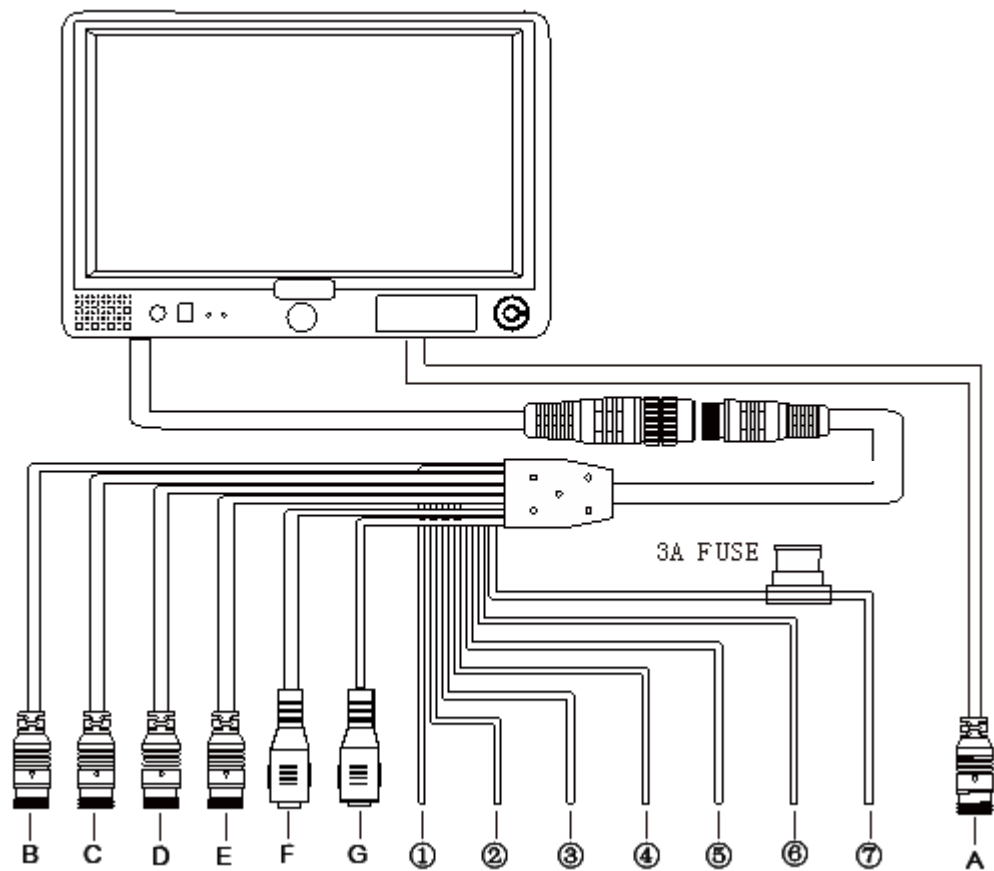


Please read this manual before you use the product.
The product may be different from the described in the manual depending on
renewal or upgrade of S/W version and performance and it can be altered
without notice.

Contents

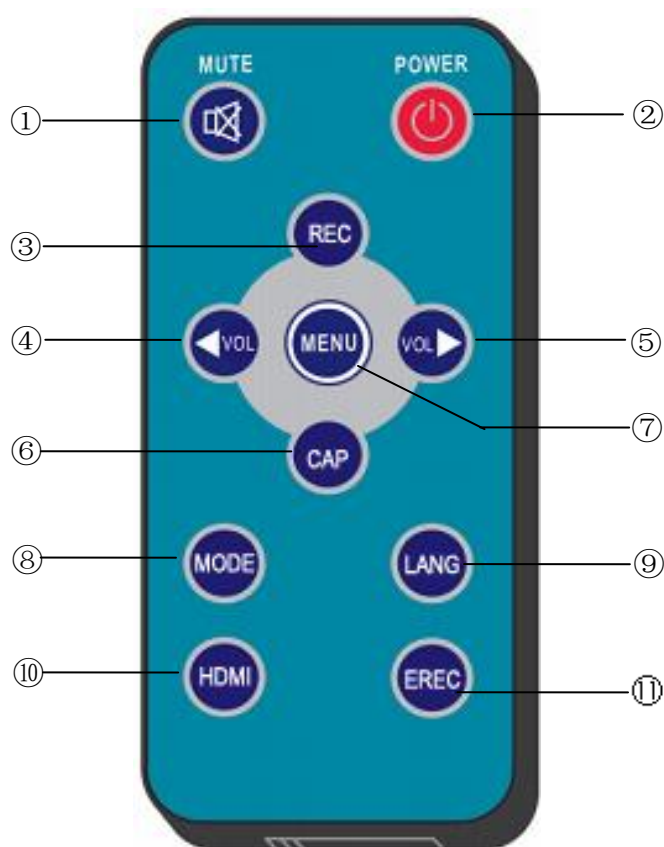
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1. Connections



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

2. Remote Control



- ① Mute
- ② Standby
- ③ Recording
- ④ Volume Decrease
- ⑤ Volume Increase
- ⑥ Snapshot

- ⑦ Menu
- ⑧ Display Mode Selection
- ⑨ Language Selection
- ⑩ HDMI Switch
- ⑪ Event Recording

3. Controls



- ①AUX Input
- ②Remote Receiver
- ③LDR
- ④Recording Indicator
- ⑤Power

- ⑥Lock
- ⑦Emergency Hole
- ⑧Micro SD Slot
- ⑨HDMI Input

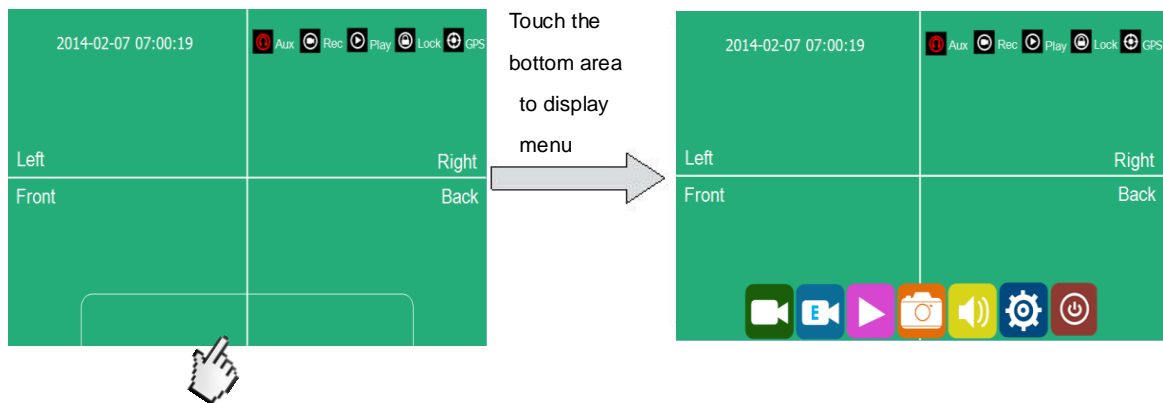
Power Function:

- 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.

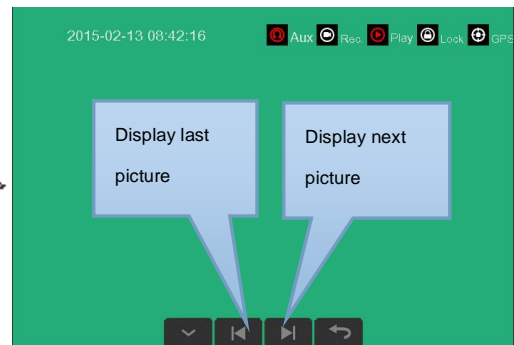
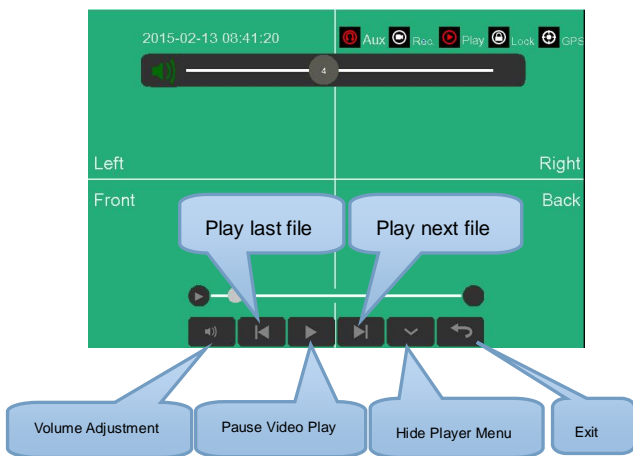
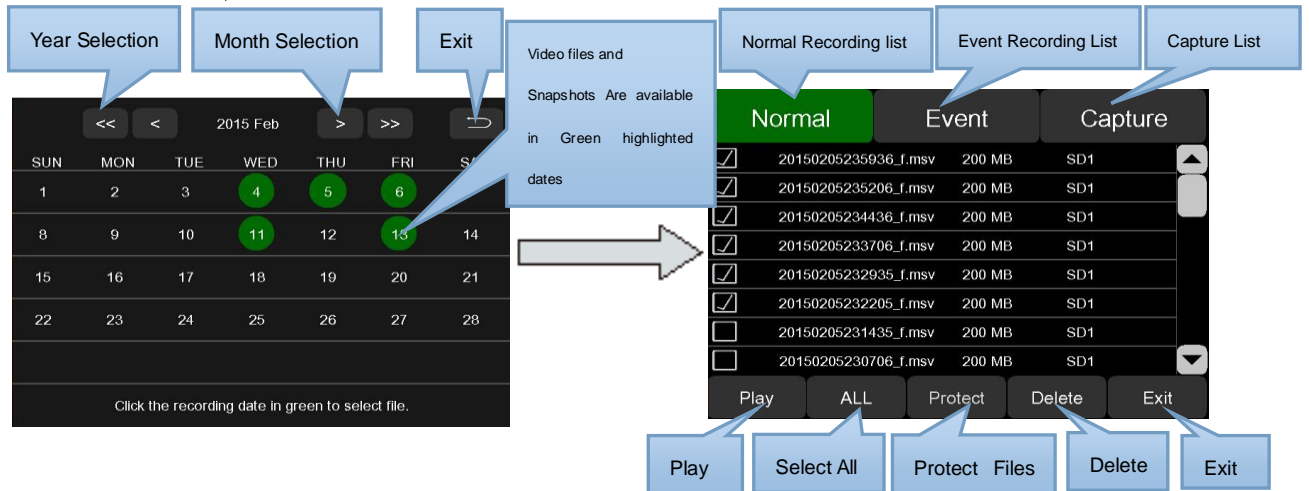
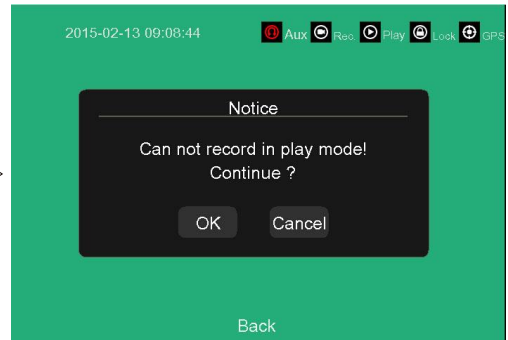
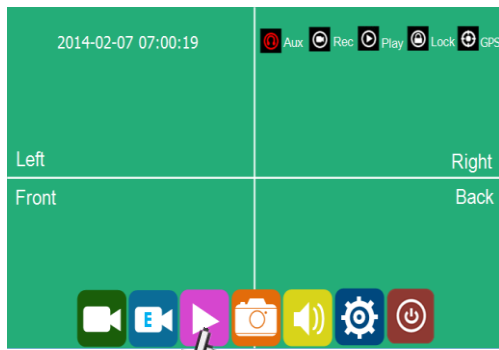


Click this icon to start event recording. The video buffer 15 seconds before the click will also be saved in this event record mode. The event recording will stop when the pre-set recording time is up. Video files are saved in event list of player menu.

Click the icon again when the event recording is not ended, the monitor will 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.

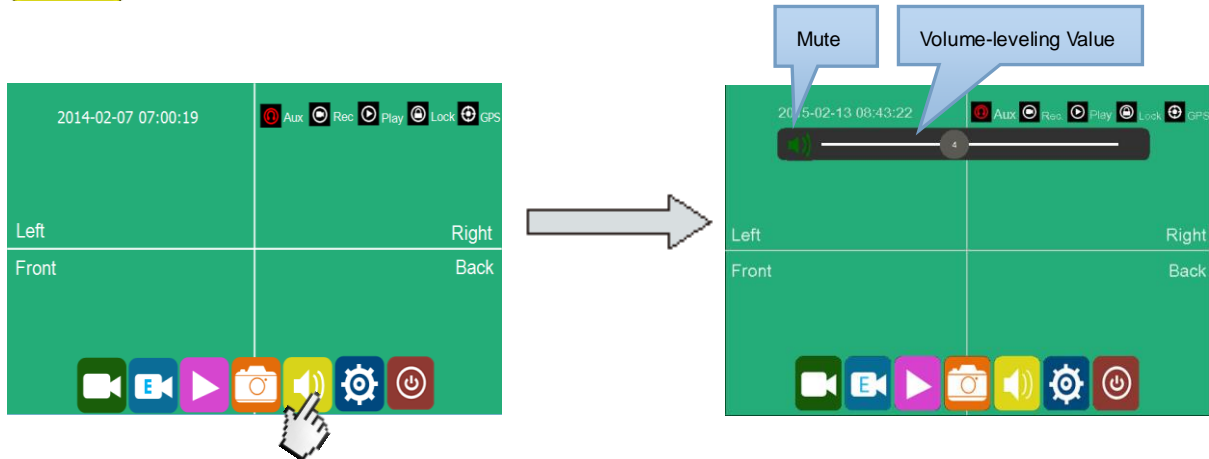




Click this icon for snapshot under live recording and playback mode. "Snapshot Success" will display when snapshot is done. Pictures are saved in capture list of player menu.



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



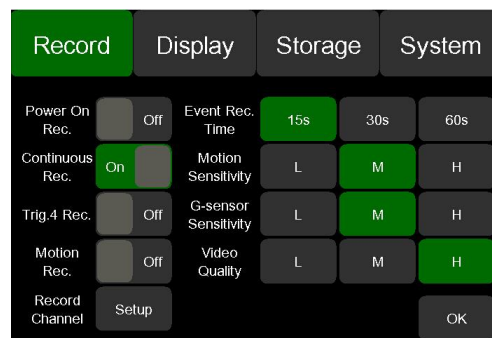
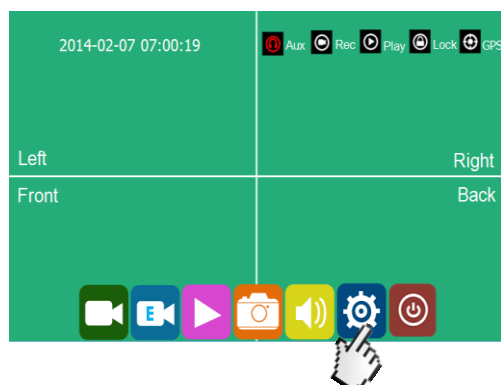
Click this icon to set menu. A prompt dialog will display "Can not record in configuration mode! Continue ?" Click OK to enter.



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:

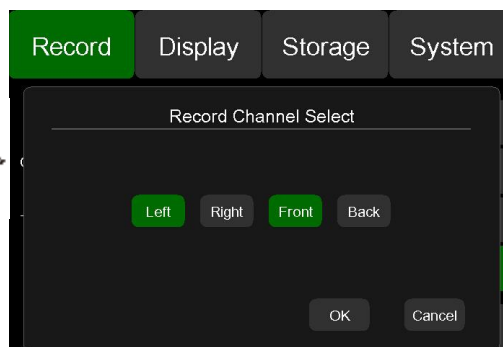
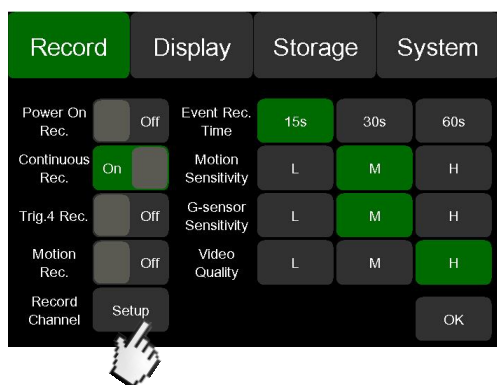
Event recording will start if setting the Trig.4 Rec ON.

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.

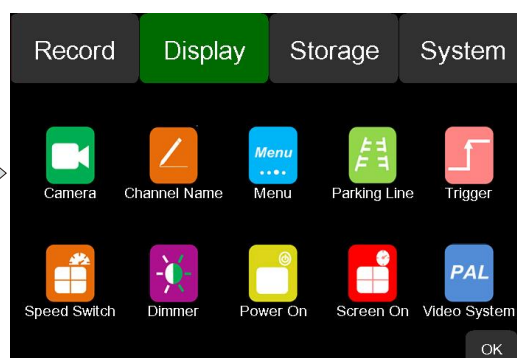
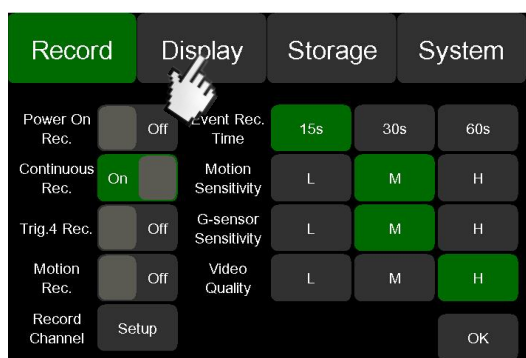
G-sensor Sensitivity:

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

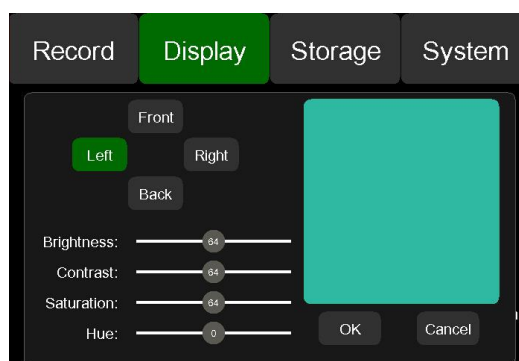
Video Quality:

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

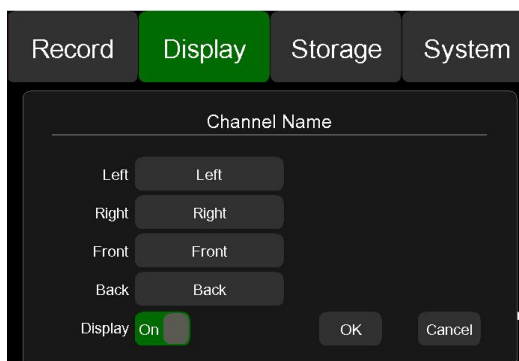
5.2 Display



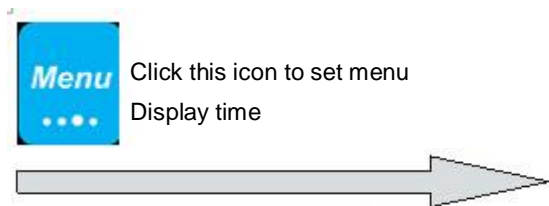
Camera Display Setting



Camera Name Setting



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



Record Display Storage System

Menu display time

5s 10s 20s 30s

Menu Lock Setting OK Cancel

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



Record Display Storage System

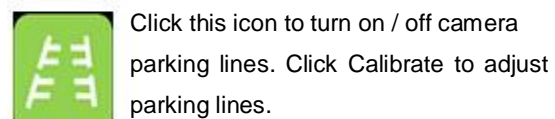
Modify Password

Old Password *****

New Password *****

Confirm New Password *****

OK Cancel



Record Display Storage System

Parking Line Set

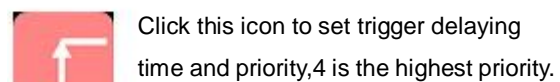
Left On Calibrate

Right On Calibrate

Front On Calibrate

Back On Calibrate

OK Cancel



Record Display Storage System

Trig.1 Trig.2 Trig.3 Trig.4

Trigger Delay : 2s 2s 2s 2s +

Trigger Priority : 1 2 3 4 -

OK Cancel

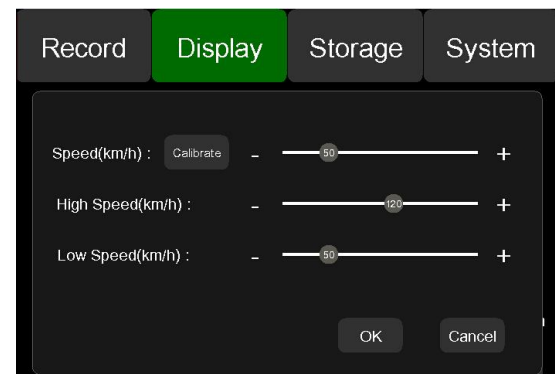


Connect the vehicle speed wire with the monitor speed wire before operation. A full screen of selected camera will be displayed when the vehicle is over speed or underspeed. Click the Option icon to set the speed threshold. Speed recording will start if setting the Speed Rec. ON.

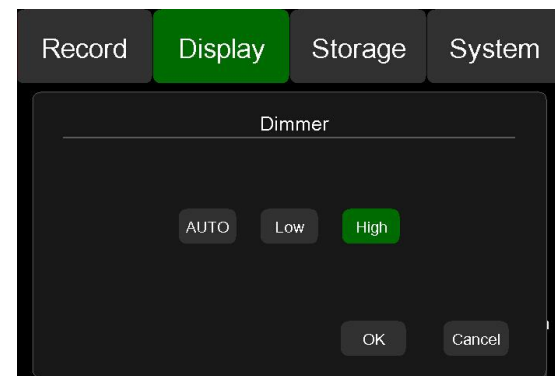


Speed Switch—Option...

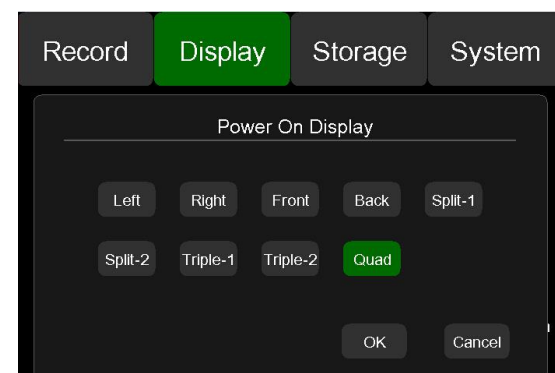
Click the Calibrate icon to calibrate the current speed for the monitor. Then you can set the threshold of High Speed and Low Speed to display the corresponding camera.



Click this icon to set backlighting value.

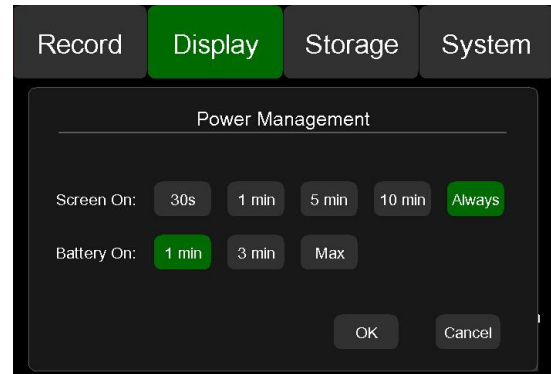


Click this icon to set power on display mode.

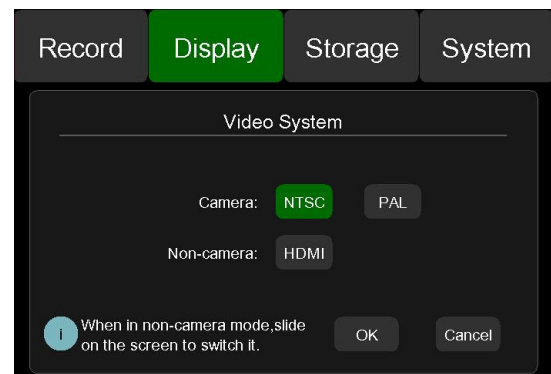




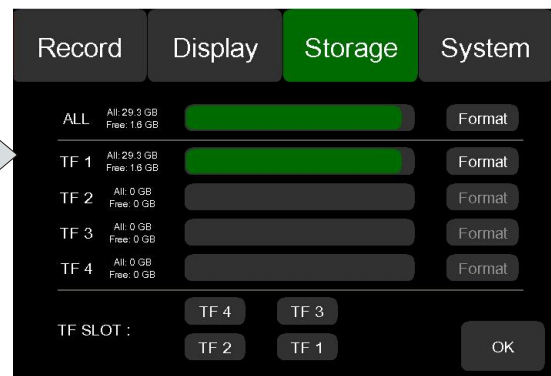
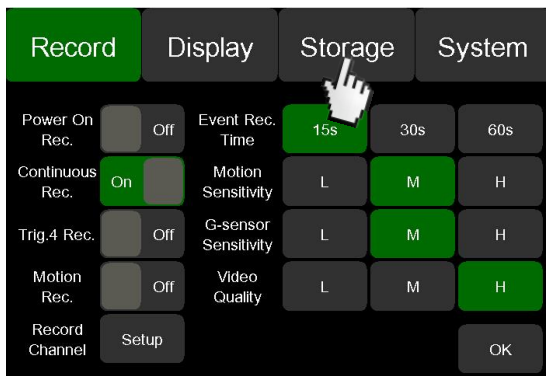
Click this icon to set screen on duration and battery power supply duration after external power is off.



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.

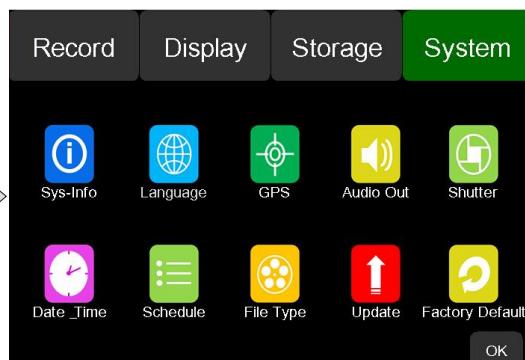
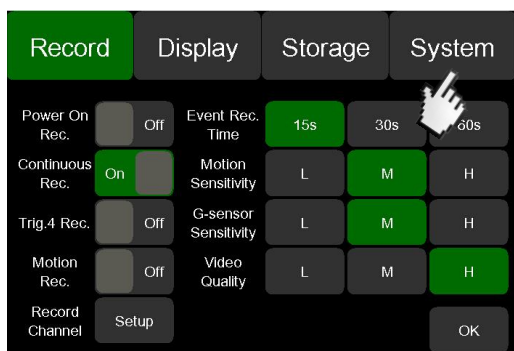
All: Format all micro SD cards.

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

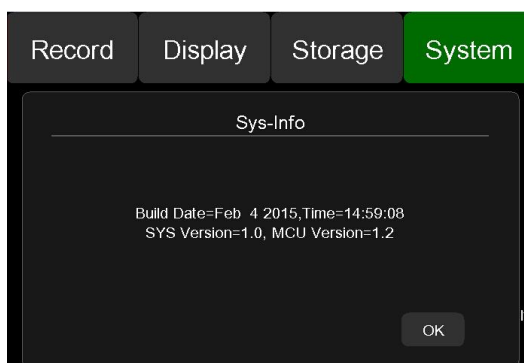
TF SLOT: Micro SD card slot position.

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

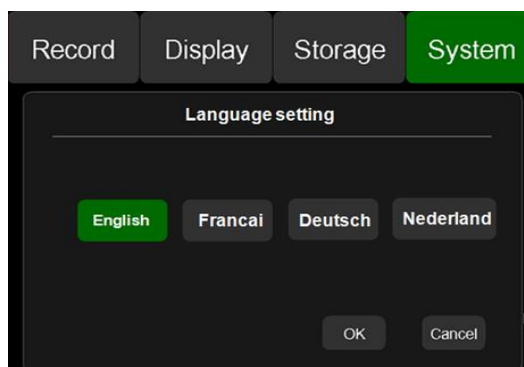
5.4 System



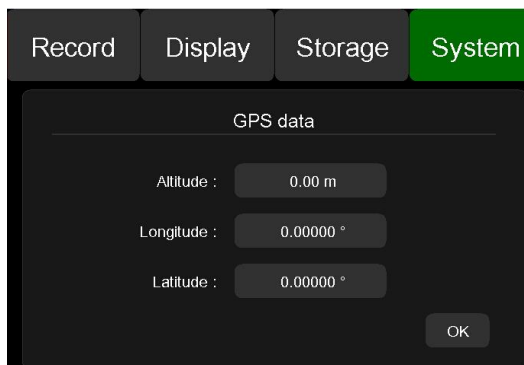
Click this icon to display the monitor
Software release time and version



Click this icon to select language



Click this icon to display GPS information





Click this icon to set audio out channel.



Record Display Storage **System**

Audio Out

Left Right Front Back

OK Cancel



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



Record Display Storage **System**

Shutter

Off On

OK Cancel



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



Record Display Storage **System**

Date: Year Month Day

Time: Hour Min

1 2 3 4 5 6 7 8 9 0 Del

OK Cancel



Click this icon to set scheduled recording.



Record Display Storage **System**

Record Schedule

Start 2015-02-07 07:35 Once Daily Weekly

End 2015-02-07 07:36 Confirm

Once 2015-02-07 07:35 0 Hour 1 Min Delete

Delete Delete

OK Cancel

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.

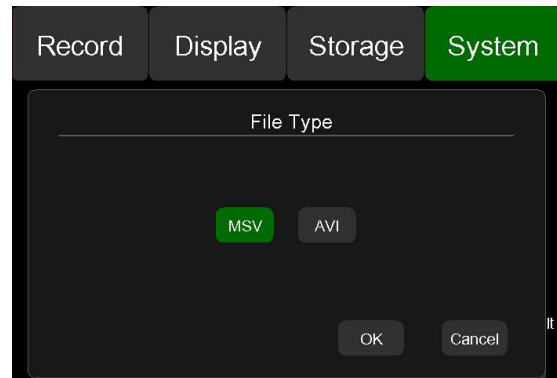
- * Single scheduled recording will display as expired, completed or deleted.

- * 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.

