

FOXTECH MINI SD card DVR Operation Manual



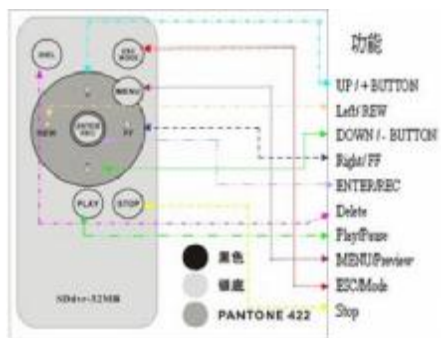
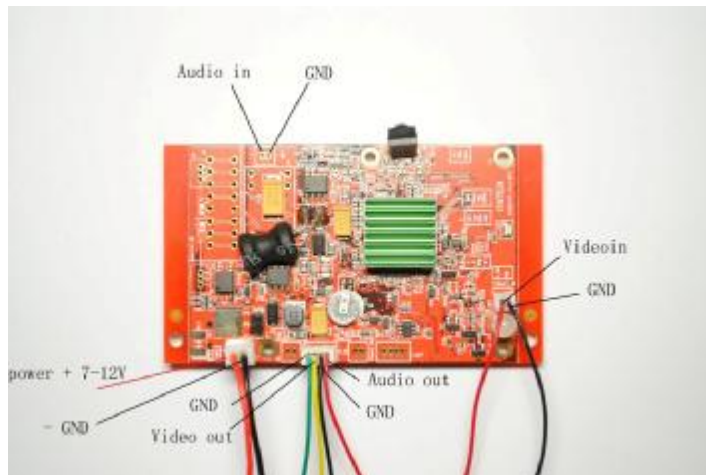
FOXTECH MINI SD card DVR is a device that records video from your video camera or the AV signal from your DC or DV. The DVR support SD card with the max storage of 32GB, using SD card means this device is not vulnerable to vibration and shock which plays as a killer to hard disk recorders. That means, you can put this tiny recorder on your plane to record video before it is transferred by video wireless transmitter, and you can get better video quality in this way and never lose any important frame. If you are using an OSD and want to analyze flight data, this SD card recorder can be extremely helpful.

Once you hook this recorder with your ground station, it's more useful than you can imagine. Your monitor of the ground station turns to "black" or "blue" upon weak signal? Then this recorder is your biggest savior. Connect it between your video receiver and monitor, and then the annoyed "black" or "blue" will be gone. Due to the improved video signal feeding to your monitor, your video transmission range will be at least doubled.

Parameter:

Dimension	64mmx45mmx10mm
Weight	20g
Voltage	5-8V(through battery port) or 8-17V
Working current	150mA
SD card support	32GB max
Recording format	AVI/MPEG4
Video size	704x576 max or 640x576, 320x288 PAL/NTSC support
Recording frame rate	30fps max
USB port	2.0
Video replay	support
AV in	support
AV out	support
IR remote controller	Support, within 2 m range.
RS232 control	support
LED	Flash in blue(reading SD card), Flash in Pink(recording)

Pin layout:



The following procedures are recommended at the first time use to get the best setting:

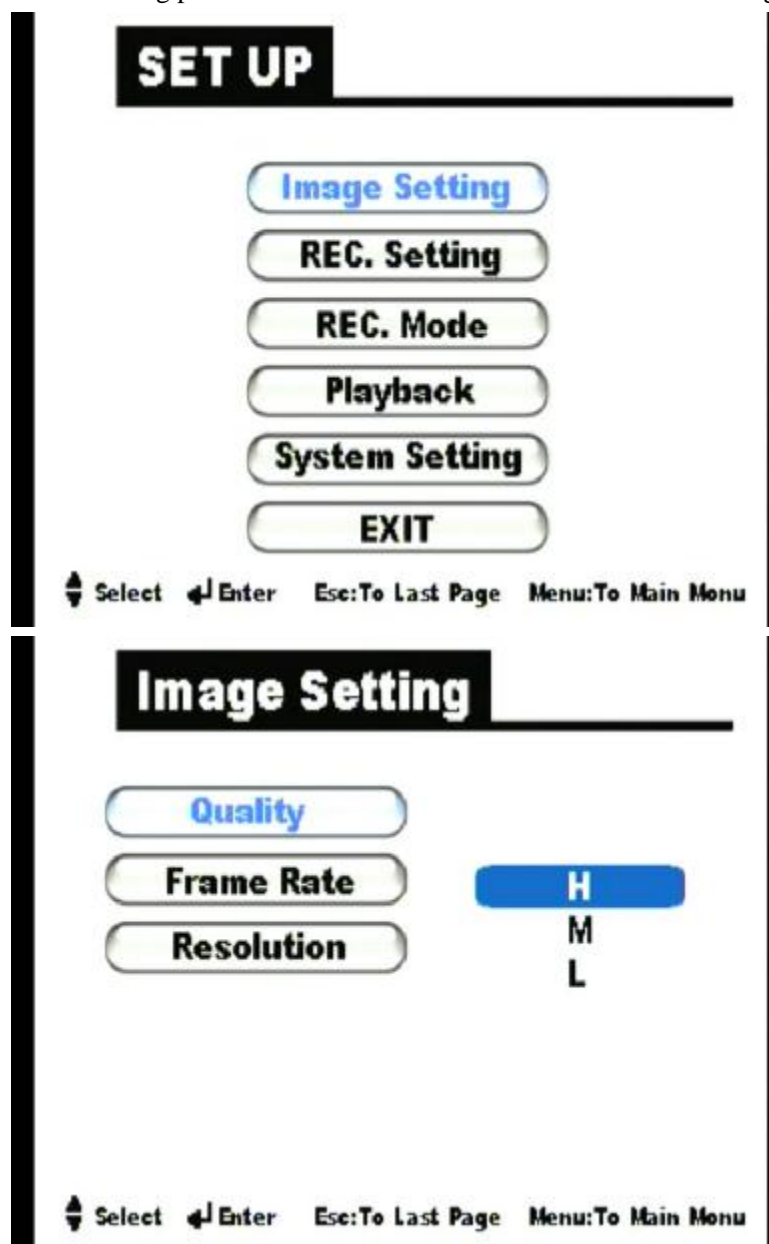


Image Setting

Quality

Frame Rate

Resolution

30fps

15fps

5fps

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Image Setting

Quality

Frame Rate

Resolution

D1

VGA

QVGA

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REC. Setting

Scheduled Time

Overwrite

Section

Motion Detection

15min

30min

1hr

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SET UP

Image Setting

REC. Setting

REC. Mode

Playback

System Setting

EXIT

Manual

Scheduled

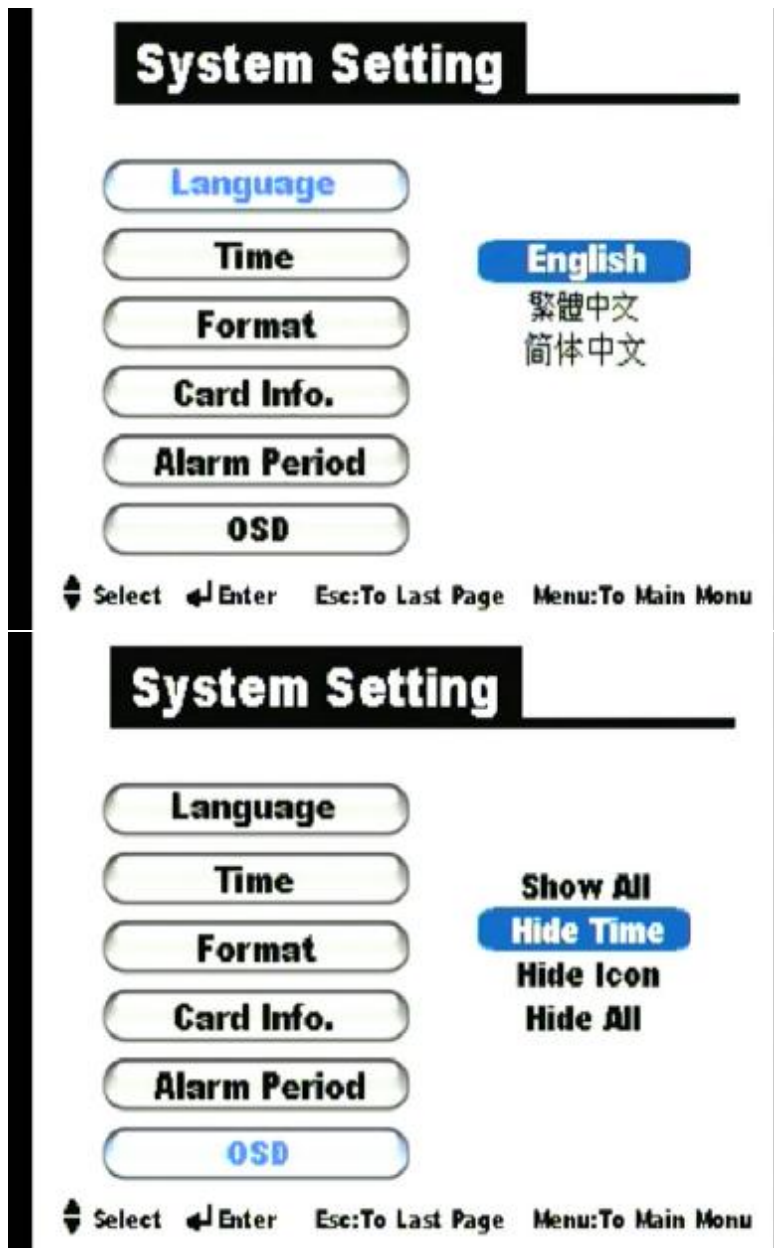
Motion Detection

Alarm1 Detection

Mot.+Alm1 Detect

Alarm2 Detection

Select Enter Esc:To Last Page Menu:To Main Menu



After the setting procedure, you can power it on and connect the corresponding wires to your camera or monitors.

For onboard use, it's recommended to get the video signal from the cam using a Y cable, so the video cam is connected to DVR and the wireless transmitter at the same time, there is an example below:

