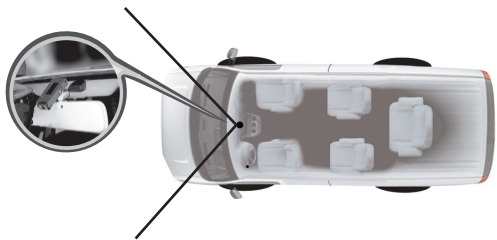


Smart View System

Competitive Accident Recorder

Instruction Manual



Model No. : DVR06G

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Introduction

The Smart View System DVR06G is designed with continuous, manual recording plus auto recording by G sensor. The MJPEG DVR06G is built with SD card slot for storage.

Features:

- Support 400TV Line camera
- When a triggering "event" happens-an accident ,hard acceleration,stop,or turn-images are saved.
- Forward-Facing View

This unit can be mounted inside the vehicle,in the center of the windshield.

- Rear-Facing View

The unit built-in up/down switch, the real view function is optional.



- G sensor recording with 20 seconds (15 seconds before and 5 seconds after collision)

when accident detected by G sensor and up to 36 files overwrite function for 256MB SD card

- Overwrite recording function with 40 seconds
- High image quality of AVI recording by MJPEG engine.
- Support up to 2G SD card (SD card doesn't support SDHC format)

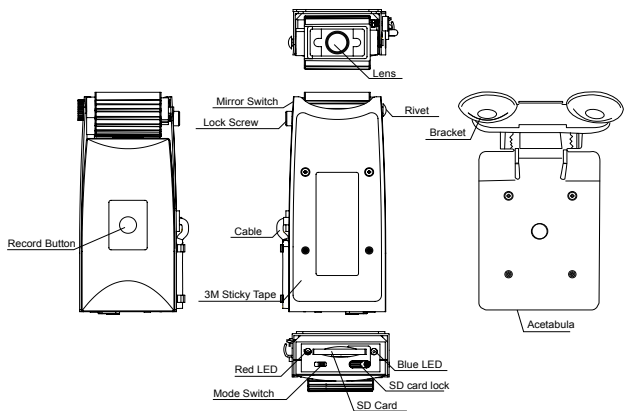
The VehicleView camera system kit

Standard accessories:

Camera	Manual
	

Standard optional:

Acetabula	Screw pack
	



Testing before installation

It's recommended to determine the best position before permanent installation.

Caution

Do not attempt to remove the cover. Removing the cover can cause components damage, and invalidate the warranty. Always disconnect the power before installation.

Installation I



- ❶** Tear off the 3M sticky tape.

Fix the DVR06G as shown on the picture.



- ❷** Insert the SD card to the slot.

a: Format the SD Card first, then save the FAT formatted text.

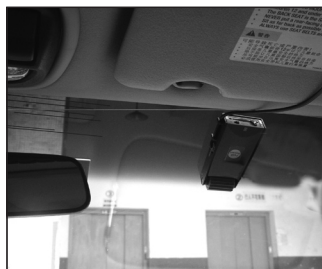
b: Set the current time and the config to SD Card.



- ❸** Fix DVR06G to the bracket with screw.



④ Connect the DC 12V cable to the cigarette lighter socket.



⑤ When you determined the best position for your camera, you can fix the screw.

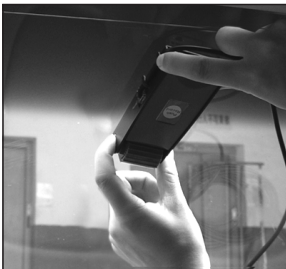
Installation II



- 1 Secure the cupule bracket onto DVR06G body with screws



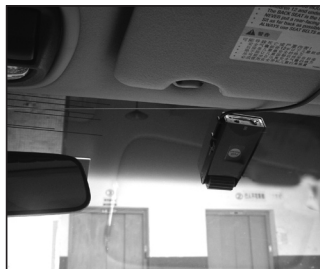
- 2 Insert the SD card to the slot.
a: Format the SD Card first, then save the FAT formatted text.
b: Set the current time and the config to SD Card.



- 3 Fix DVR06G to the bracket with screw.

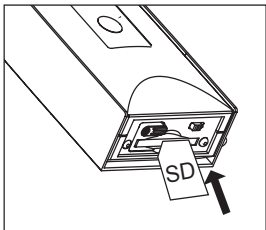


- 4 Connect the DC 12V cable to the cigarette lighter socket.



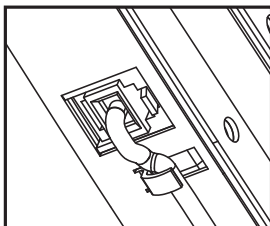
- 5 When you determined the best position for your camera, you can fix the screw.

Operation

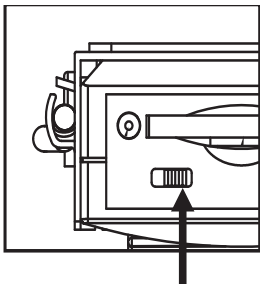


- 1 Insert the SD card. Turn the knob to lock the card.

(Note: When the SD card is not inserted, the red LED will turn on continuously and the DVR06G is not in operation.)



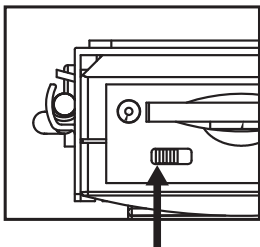
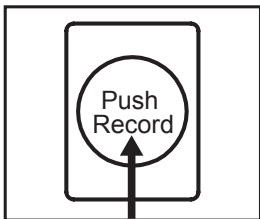
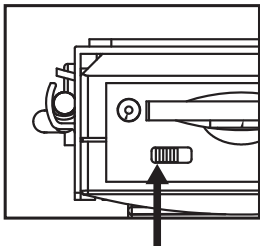
- 2 Connect to the power.



- 3 Record Mode:

1. 40 seconds cycle recording mode

Set the DVR06G to 40 seconds cycle recording. The recorded files will be stored in a folder named with YYYYMMDD under the "CYCLE" folder after recording.



2. Manual recording mode:

Set the DVR06G to the recording mode to 20 seconds manual recording. The blue LED will turn on continuously and in standby mode.

Press the Record button to begin recording. The blue LED will flash 2 times/second with the "Beep Beep" sound. The recorded files will be stored in a folder named with YYYYMMDD under the "MANUAL" folder after recording.

3. 20 seconds G sensor recording mode:

Auto recording by G sensor. The blue LED on DVR06G will flash on 2 times/second with the "Beep Beep" sound. The blue LED will turn off after 5 seconds, and turn on again to the standby mode. The recorded files will be stored in a folder named with YYYYMM-DD under the "GSENSOR" folder after recording.

Configurations:



① Use computer to read the SD card

② Run the "OPCam.exe"

The OPCam configuration window includes the following sections and settings:

- Set Time:**
 - Time: 2007 / 11 / 17 10 : 56 : 4
 - Buttons: Set Time, Set Current Time
- Set Config:**
 - Resolution setting for G-sensor trigger or manual trigger: QVGA VGA
 - Frame rate setting for G-sensor trigger or manual trigger: 30FPS 24FPS 15FPS 13.3FPS
 - Resolution for recycle recording: QVGA 5.375FPS VGA 5.375FPS
 - G sensor sensitivity: 0.1 to 2.0 (set to 0.4)
 - Max recording files in GSENSOR direction: 20
 - Max recording files in MANUAL direction: 20
 - Max recording files in CYCLE direction: 20
 - File overwritten: Yes No
- AVI File:**
 - File: [Empty field]
 - Buttons: Play, Close

Callout lines from the right side of the image point to the following descriptions:

- Set customized time
- Set as system current time
- Set the image format
- Set the G sensor sensibility
- Set the maximum files in each recording mode
- File overwritten
- Select the playback file
- Playback

Take out the SD card, make sure DVR06G power off, then insert SD card to DVR06G.. DVR06G will read the new setting automatic cally

Specification

ITEM	DESCRIPTION
Model	DVR06G
Image Sensor	1/4" VGA CMOS Sensor ,10 bit RGB
Number of Effective Pixels	640(H)x480(V)
S/N Ratio / Dynamic Range	45dB / 60dB
Resolution	400 TV Lines
View Angle In Computer(Fov)	108°x83°x144°(H*V*D)
Up/down Picture	Yes (by setting)
White Balance(WB)	Automatic on chip
AE Control	Automatic on chip
Video/Still Image Format	AVI / MJPEG
Frame rate per second	Recording AVI file when G-sensor trigger/ Manu records, AVI file is 15fps(30fps) and contain 15 seconds before trigger and 5 seconds after trigger (Total 20 seconds) with VGA (QVGA) resolution
	Recording AVI file when Overwrite recording, AVI file is 6.375fps and contain 40 seconds with VGA resolution
File Format	FAT
G sensor level and range	Range 0.1g - 2.0g (Default setting 0.4g)
Extra Alarm IN	Yes
Power	DC 12V
Dimensions	46mmx27.5mmx105mm
Weight	128g±5g

Subject to change without prior notice.

Recording Filer

SD Card	256M	512M	1G	2G
G-Sensor trigger	36 files	72 files	144 files	288 files
Overwrite recording	14 min	28 min	56 min	112 min
Manual recording	35 files	70 files	140 files	280 files

Note:

- ❶ It takes 900mA/10sec when power on.
- ❷ Under 40 seconds cycle recording mode, there would be a few seconds interval, between each recording for saving each video to the SD card.