

# Solve the chronic problem of blackbox

Strong for heat and power efficiency



SVM-3000

## Car blackbox **SVM-3000**



Daytime



Nighttime

## Clear Full HD quality High-resolution image

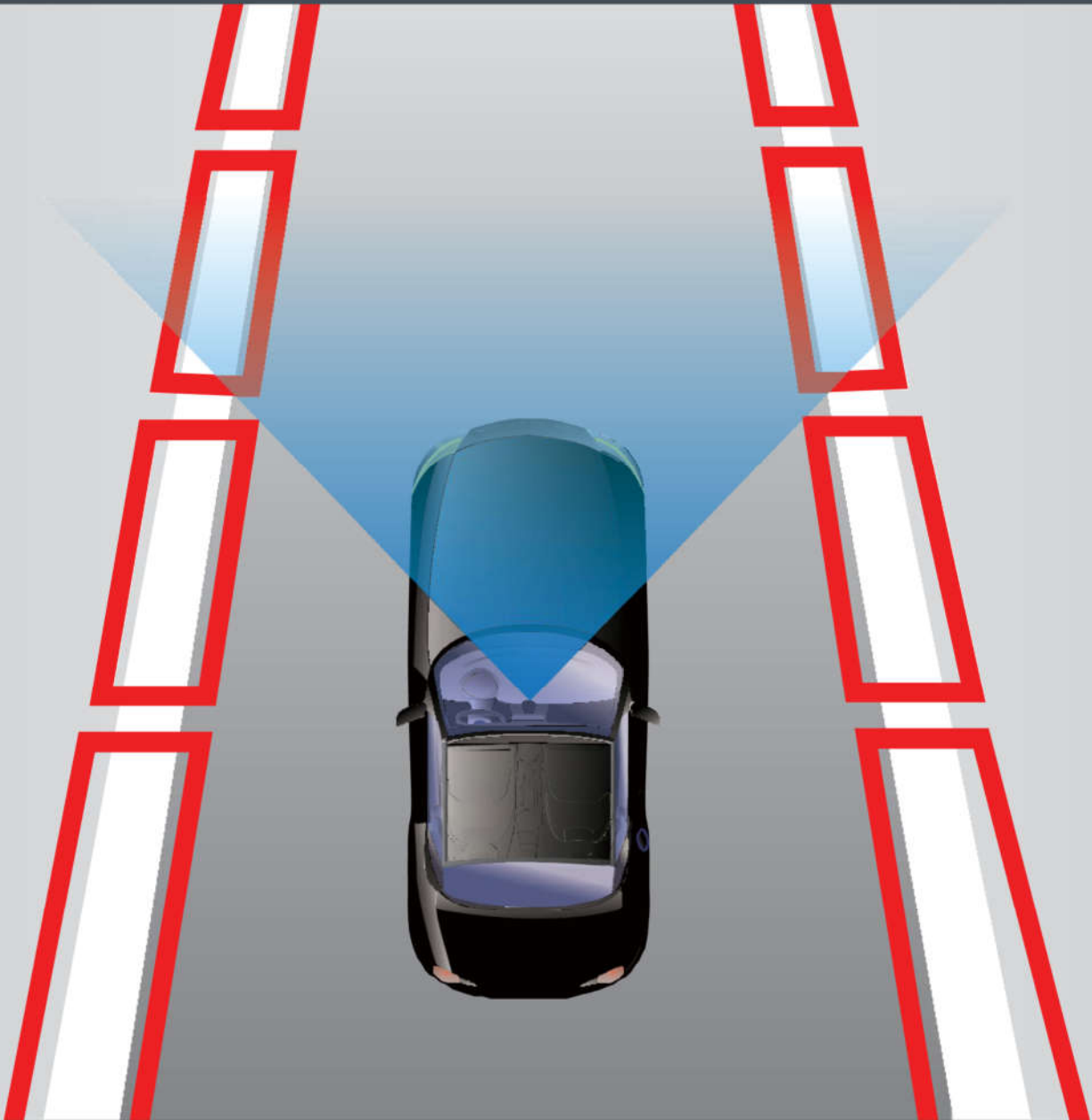
- ▶ SVM-3000 offers clearly video via Full HD (1920 x 1080) image and 30 frame per second.
- ▶ The device had done a lot of test for test for clearly image, it provides high-definition image when day/nighttime.



## No block the driver's view Find the best position for blackbox

- ▶ SVM-3000 is not block driver's view otherwise others which is block the outside.
- ▶ The cable is visible like existing blackbox, SVM-3000 on install on upper-side of windshield, it looks like invisible blackbox.





## Advanced Driver Assistance Systems

# Lane departure warning system

- ▶ LDWS is that making a warning sound when the vehicle begins to move out of the lane with out signal.
- ▶ This function is for safety drive when an car left the car lane while drowsy driving.



## Advanced Driver Assistance Systems for ward Collision Warning System STOP & GO system

- ▶ FCWS function is that front camera looking sensor to detect an distance with front car then provide a warning sound.
- ▶ STOP & GO functions that an alarm upon start of a venicle in front of the object during stop and waiting for a signal.



Low heat blackbox

## Strong for heat and power efficiency

- ▶ Solve the temperatures issue, SVM-3000 has been tested to operate the most summer and winter temperatures.
- ▶ For the safety operation, SVM-3000 reduce the device shut-off when battery discharge.





## No missthe driving image Fast booting device

- ▶ Efficient hardware and software can execute safety saving file.
- ▶ Image record quality on early when parking mode to driving mode by fast booting.



Detect a tiny damage and record by video file

## Sensitive damage detected system

- ▶ High performance damage detected system is detected crash during driving and parking, and save the event file.
- ▶ SVM-3000 is more sensitive than others, it saved event to detect the tiny crash.

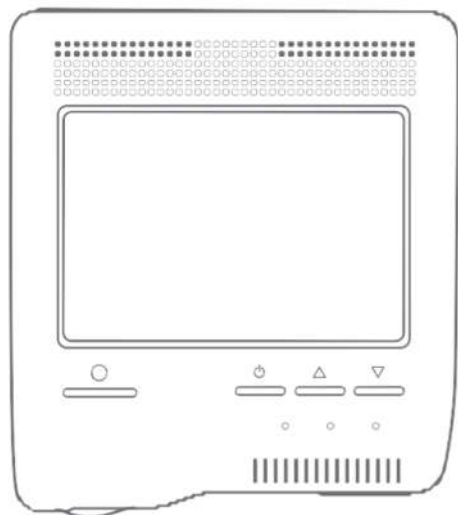




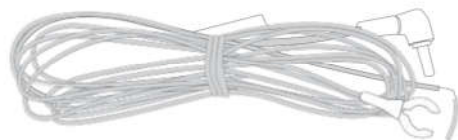
## Easy for SD memory format Format free blackbox

- ▶ Existing SD memory is format every period time for prevent memory error, however format free type is lower memory error.
- ▶ Format free type is saved image by momentary saving, it reduce image error.

## Componetents



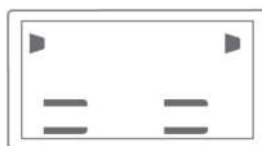
Device



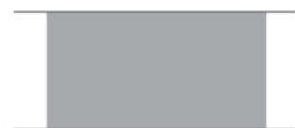
Power cable



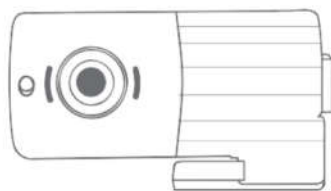
TAPESheet



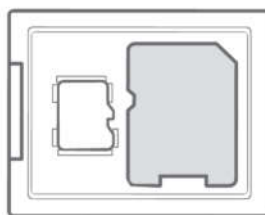
Bracket



TAPESheet



Rearcamera



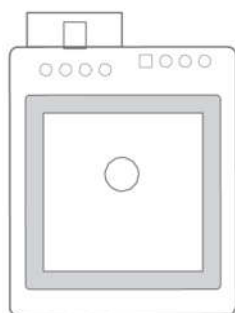
MicroSD card(32G)



아이츠 블랙박스



Quickguide



GPS

# Specification

Model Name	SVM-3000 (HD-2CH Mobile DVR)	
Embbded camera	Image Sensor	CMOS
	Resolution / Min.lux / Angle / Sig.format	Full HD / 0.3 LUX / 120°C / YUV4:2:0
External camera	Image Sensor	CMOS
	Resolution / Min.lux / Angle / Sig.format	Full HD / 0.3 LUX / 120°C / YUV4:2:0
Recording	Codec	H.264
	Recording mode	Drving, Event, User, Motion detection (When connect power cable)
	Storage	Micro SD card (8GB~32GB)
Play	Recording resolution	1920 x 1080 (Front), 1280 x720 (Rear) 1ch Front MAX 30fps 2ch Front MAX 30fps, Rear MAX 30fps
Voice recording	Voice recording, Mute	Apply
Voice guidance	Voice guidance	Apply
Input port	2port	1port- External camera input, 1 port - 1/F input
	Operated indication	LED (Red, Blue, Yellow)
Etc	GPS	Embedded module
	Main power cable	Include
	Power	DC 10V~24V (All car type)
	Operation temperature	-10°C ~70°C