

# CDVR100

## DRIVE VIDEO/AUDIO, SHOCK, GPS RECORDING



### - FEATURES -

- MPEG4 Compression
- Recording Quality : Rough, Low, Standard, High, Fine
- Video 1CH
- Audio 1CH
- GPS (google map supporting)
- SD Card : 8GB supporting
- Shock-sensor built-in (Default : 0.6G (0.1~1.5G))
- Alarm Function
  - Pre/Post alarm : Pre-alarm (0~10sec)
  - Post-alarm (5~30sec)
- 1.3 MEGA Pixel CMOS
- Resolution : QVGA(320x240), VGA(640x480), MEGA(1280x960)
- Recording : Single mode : Not auto recording (Recording by shock sensor and emergency button)
- Multi mode : Auto recording(Power On) and shock sensor and (overwrite function)
- Lens 2.5mm (Angle of Viwe : 140°)

### - Accident Image Storage.

- When an accident occurs, this device automatically detects it through an impact sensor and records and saves images before and after accidents.

### - Manual Image Storage

- Even without physical impact to a vehicle from an accident, the device records and saves images by a Driver's manually pushing the Emergency Button.

### - Location Information Storage

- The device records and stores detailed GPS information including the location, time, and speed of the time of accident.

### - Vehicle Operation Information Storage

- The device records and stores certain vehicle motions including sudden acceleration, braking and sharp turns, as well as back and forth, right and left and up and down vibrations.

### - Accident Data Replay

- In addition to accident data replay on Pcs, it also simultaneously plays the GPS Information and vehicle operation information. A software program is also provided that is simple and easy to use in setting various functions including user-oriented separate storage, printing, and screen shots.

### - Client Program -



Google map

Shock sensor

Car Speed

**- NAME OF THE PARTS -**



**- Camera Lens**

- Please clean the camera lens before use to avoid foreign matters blocking the lens.

**- SD Memory Card Slot**

- After inserting a SD memory card into the slot, connect the power cable.

**- Power Terminal**

- When power terminal is connected, the power is automatically turned on.

**- Emergency Button**

- Emergency Button is for manual image recording, and when the button is pressed, it records images.

**- Recording LED (Red)**

- The Record LED will turn on during recording and will blink if an event occurs or the emergency button is pressed.

**- GPS LED (Blue)**

- When GPS normally receives the satellite data, GPS LED is lighted on.

**- SPECIFICATIONS -**

\* Specification is subject to change without any notice.

MODEL	MDCR-116F
Camera	1.3 Mega Pixel CMOS
Video Resolution	320x240(QVGA) upto 30fps, 640x480(VGA) upto 30fps, 1280x960(Mega) upto 30fps
Audio Recording	Internal Microphone
GPS	Internal (SiRF III) GPS Module
G-Sensor	Internal 3D G-sensor (Collision, Q-break, Q-accel detection)
Data Storage	SDHC 8GB
Power Supply	DC 12V ~ 24V (Cigar Jack included)
Memory Card	SANDISK, TOSHIBA
Lens	Fixed Lens 2.5mm (Angle of View 140°)
Operating Temp.	-20°C ~ +70°C

**- RECORDING TABLE -**

Resolution	Factory Frames	1GB REC Time	2GB REC Time
QVGA (320x240)	5 fps	24 Hour	48 Hour
VGA (640x480)	5 fps	3 Hour	6 Hour
MEGA (1280x960)	5 fps	1 Hour	2 Hour