

SAVE LIVES & SAVE MONEY
with *Smarty*

SMART BLACK BOX

4 channel in-vehicle video recorder BX4000



- Built in Microphone
- Built in 3-Axis G-sensor
- External GPS
- External Panic Button
- Diagnostic Indicator
- SD Memory Card
- 3 Alarm input
- Car speed pulse
- Continuous Recording
- Panic / Event Recording
- Data analysis Software

Smarty
Drive Partner for your Safety



4 Cameras Recording

Front camera, night vision camera, side camera and rear view camera records front, interior, side and rear view



Panic Button

Record with a single button-for instant manual operation override



Condition Check-up

Checks accurate recording and operating condition using LED and alarm



Video & Audio Recording

Video : Event & Continuous recording can be selectable
Audio : Internal & External Mic (Option) can be selectable



Secure video recording

Embedded super capacity assures recording without failure in case of abnormal power shut down



Full-time recording of shocks / speed / location information

Easy management of route and driving habit through full-time recording of shocks / vibrations / speed / location



Excellent analysis software

Search, play and analyze by speed / shocks / location data



Shock sensor graph

Recorded data of incidents can be displayed in a clear-cut graph through 3G sensor



Integrated Google Map

Embedded GPS, record location and recorded content of the accident can be displayed simultaneously

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Link to Google Earth



Analysis Software



Data values can be easily analyzed with video, audio, speed, gravity, acceleration and sensor value at the time of shock collected from GPS and G-sensor



AVI Converting

There is an AVI file converter available.



Create Monitoring Reports

All the information can be easily reported.

Front View Camera



DTR-100
CMOS



STR-100
CCD

Night Vision Camera



STR-100IR
CCD

Rear View Camera



STR-131
CMOS



STR-132B
CMOS



NRV-001M
CCD

Panic Button & LED indicator



SWK-100

GPS Antenna



GPS-100

External Microphone



MIC-100

Safe Power Cable



DPWR-300

Video In	4 Camera Inputs	G Sensor	Internal 3-axis G-Sensor
Audio In	1CH (Internal / External Microphone)	Car Signal	Brake, Left Turn, Right Turn, Speed Pulse
AV Out	1 Video out, 1 Audio out	Alarm Input	3 (Door, Meter, etc.)
Continuous record	NTSC: 720x480 (30fps) 720x240 (60fps)	Compression	MPEG4 (Continues recording) MJPEG (Event recording)
Event record	PAL : 720x576 (25fps) 720x288 (50fps)	Remote controller	Panic(Record) button, Playback button, Snap shot button
Snap shot record	Still Image + Audio (5 sec)	LED	2 (Red / Blue)
Memory	SD card (support upto 32GB SDHC)	Analysis Software	PC Viewer (support Google Earth)
GPS	External GPS Module		

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