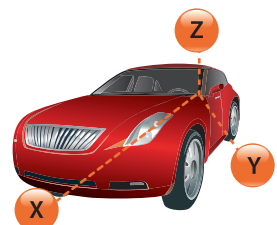# RoadScan Master

DRIVE RECORDER °DM series

Video Event Data Recorder for vehicle incidents or accidents recording

and

Digitale Image Tachometer

Google™ Maps

Video Event Data Recorder

It saves the video just before / after the event or accident and it also saves car
acceleration speed information and GPS information.

* Database Manager function

The videos saved in databases can be displayed in one screen and search per data is very easy.
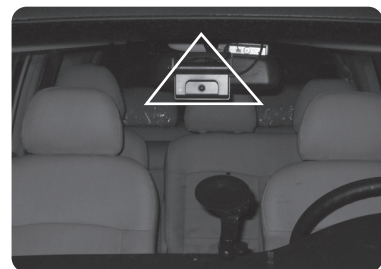

1. Manager function added (easy to see who, when , when the accident happened)

2. Car number, manager number, product number, driver name, acceleration speed,
   file path management.

3. Keyword search function and data-based sorting function (search for a driver,
   manager, car number, date acceleration speed, file path in a search box).

www.roadscan.nl

* Digital Image Tachometer (DIT)

1. Monitor from the start time to the stop each driving segment.

2. Basically Driving record saving at every 10 sec GPS intervals to check driving distance and
   takes/records jpg images at every 1 min (Re-programmable by user for larger intervals).

3. Check total driving distance, distance per segment, and driving time.

4. Check time, latitude, longitude, and speed data at every location.

5. Location display of driven route can be displayed on Google Map.

* Search of VEDR data

[Installation for passenger car]

- High sensitivity video data management / interpretation program (Window XP / Vista)

- Database manager function (data path, user information)

- Automatic car event or accident sensing with 3d sensor

- Accident video record / 3-axis acceleration speed data record

- Driving recording function (time, data, GPS location information and speed information record)

- Car Audio recording

- Separate manual button

- Basically, 60 times of "20 seconds event or accident" video recording (14 sec before + 6 sec after

   accident) on Mini-SD card 512 MB.

- By user programmable number of events recording (depending Mini-SD card memory size)

- By user programmable event period length (maximum 60 seconds by total event)

- By user programmable event "pre" period (minimum 1 sec, maximum 34 sec.)

- By user programmable event "after" period (minimum 5 sec, maximum 59 sec.)

- Device Mini-SD self lock function (dedicated key is used)

- LED operation display

RoadScan Master
Video Event Data Recorder

It saves the video just before / after the event or accident and it also saves car acceleration speed information and GPS information.
Location information display on GOOGLE MAP

[Video and data saving function at the time of event / accident]

[High-speed Mini-SD card-based data saving]

Easy and simple data collection on the installed Mini SD card
(for data saving extension, higher capacity Mini SD cards can be used.)

[Backup power supported stable video saving function]

In case of an extreme event / accident, power may become disconnected
Roadscan Master has an integrted backup power, so it safely records and saves
event / accident video even when the power is disconnected.

[Integrated flash memory supported emergency saving function]

When a user forget to insert the Mini-SD card or when the Mini-SD card can not save
the video due to unexpected conditions, Roadscan Master can save one
event / accident video into the integrated flash memory.

[Device self lock function]

The enclosed key is required to make Mini-SD card collect data. This
minimizes data loss and prevent other people's data manipulation.

[Video saving time setting change function]

The factory default is basically "20 sec period" events recording based on 14
before and 6 sec after the event / accident. The owner can reprogram / change
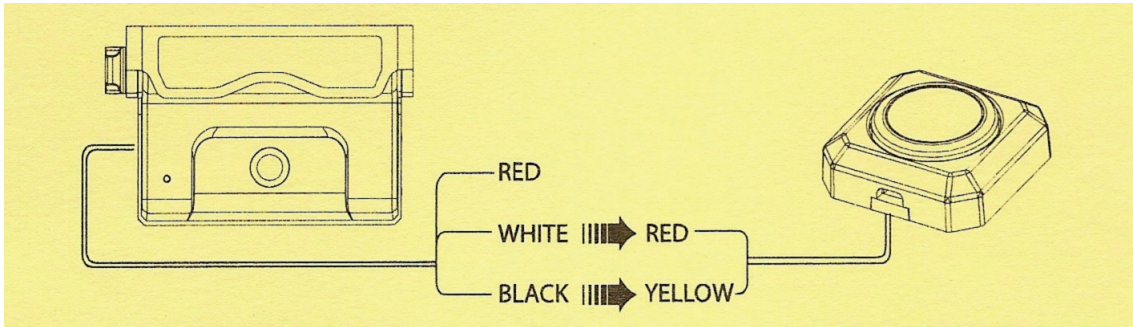before and after saving time, the total event time and number of events.

VIDEO EVENT DATA RECORDER
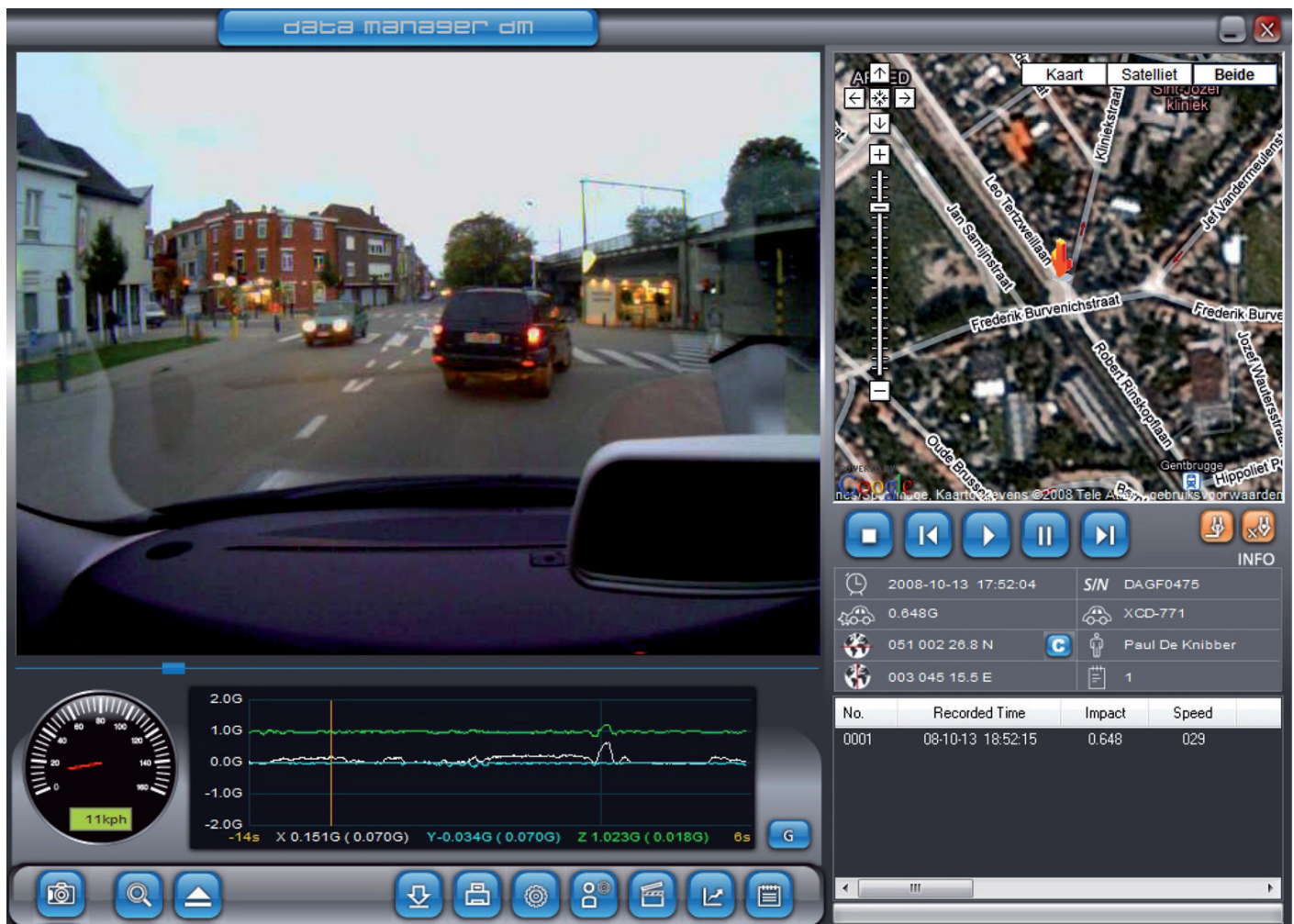
RoadScan Master

Security / Emergency function

- External remote switches can be bonnected for security applications

- Activates event recording function based on programmed "before" and "after" periode

Specifications

Norm.Operational Voltage : 12V / 24V
Min. Operational Voltage : 8V
Max.Operational Voltage : 36V
Max. Power Consumption : 3W
Operating Temperature : -20 ~ 70 degrees(C)
Storage Temperature : -40 ~ 85 degrees(C)
Camera Type : Color CMOS
Max Camera Pixel : 350k
Actual Camera Pixel : 320k
Avg.Recording frame rate : 7~10 frame / sec
Min.Operation Luminance : 1 lux
Camera Angle 120 degrees
Recording Resolution : 640 X 480 pixel
Memory : Mini SD-card (512MB)
Backup battery : 5.0 volt
Size : 115 x 80 x 40 mm
Weight : 200g
Simulation Program OS : Windows XP / Vista

Screenshot interface labels:

data manager dm

Kaart | Satelliet | Beide

INFO

	2008-10-13 17:52:04	S/N	DAGF0475
	0.648G		XCD-771
	051 002 26.8 N	C	Paul De Knibber
	003 045 15.5 E		1

No.	Recorded Time	Impact	Speed
0001	08-10-13 18:52:15	0.648	029

11kph

-14s X 0.151G (0.070G) Y -0.034G (0.070G) Z 1.023G (0.018G) 6s G

RoadScan Master
DRIVE RECORDER °DM series

Contact

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