

CARPA11 - DVOKANALNI MOBILNI SNIMAČ SA 2 KAMERE I SNIMANJEM NA SD MEMORISJKU KARTICU

<http://www.youtube.com/watch?v=0ub2bTn-eIU>

<http://www.youtube.com/watch?v=bQvbZvTboqU>



External Camera use *2CH DVR* CARPA-11



Front view



Rear view



Specifications (Hardware)

Item	Specification	Remark	
Camera/Lens	High resolution CMOS SENSOR		
	Resolution: 640×480		
	1.5 Chanel	High sensitive lens	
		Angle : 120°	
Transmission (NTSC/PAL)	Encoding		
	External CMOS		
G-Shock sensor	G-sensor : 3 axle (X,Y,Z) Value saving	Detecting? Shock, Sudden speed change	
GPS	High performance International GPS module	Connect to Google map (Internet)	
Storage	SD Flash memory card (SDHC Support)	512MB ~ 32GB available	
Buzzer	Electric Buzzer	DC Volts use	
MIC	Internal MIC		



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Šifra delatnosti: 7490
PIB: 100423132
PDV: 134103769,
T.R. 200-2257130101000-60 PŠ



Datum: 11.02.2014.

Strana 3

Specifications (Software)

Item	Specification	Remark
Rec. Condition (Normal)	Frame : 24fps/1sec.	Changeable? on screen brightness (Self amendment work)
	Save unit : 1Min/1File	
	File size: 28MB/1 File	
	Bit rate : 1M bps	
	Event file :Saved as log file ?(txt)	Play on exclusive player
Event save	Automatic saving by shock sensor	Indicate 3 axis value graph (X,Y,Z)
	Emergent saving button	
File Format	Video : H.264	
	Voice: AAC	
GPS(Location)	Speed, Direction, Route, Time	
	Connected with Google Map(Internet)	Applicable on recorded location map
Voice Record	Built in Micro internal? voice record and data saving	
AF. (Semi-Auto)	Internal Ambient light Sensor	
Others	Player : Speed/Direction, location info, 3axis value, Map	
	Set configuration : Event video play, sensitivity set, overseas application available, time zone setting	

Specifications (Interface)

Item	Description	Remarks
External Port	DC IN (Power Connect) Free Voltage (12V-24V)	
	SD Card Slot	
	NTSC/PAL output	
External Button	Push Tact	REC.
External LED	Out_side LED REC.	Blue,Red
	In_side LED Power/ REC./ State	Dual



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Strana 4

Specifications (2nd Camera)

IR Camera (RCAM-11R)		Normal Rear Camera(RCAM-11)	
Picture Elements NTSC&PAL	301K Pixels	Image Sensor	HD CMOS sensor
Image Device	1/4" Inch CMOS Sensor	Total pixel array	648*488(310K Pixel)
Total pixels	666(H) X 504(V)	Signal System	NTSC
Image Area	5.6026mm X 4.8588mm	Scanning Frequency	15.7354kHz(H), 594Hz(V)
Scanning	2:1 Interlace	Shutter Speed	1/60~1/100,000
Sync System	Internal Sync	Minimum Illumination	0.5 Lux
TV Video Output	1 [Vp-p] Composite 75Ω unbalanced	Supplied Voltage	DC 12V(6~15V)
Horizontal Resolution	380TV Lines	Power consumption	Max. 100ma(at DC 12V)
Exposure time Range	1/60s. 20us	Operation Temperature	-30°C ~ +80°C
S/N Ratio	More Than 45d(AGC OFF)	Storage Temperature	-40°C ~ +85°C
Dynamic Range	60dB	Dimension	30.3mm*25mm*31.8mm
Minimum Illumination	0.4 Lux(LED ON : 0Lux)		
Gamma	r=1.0typ.		
Lens	Fixed focal lens (STD 134°)		
Power supply	DC 4.5V ~ 24V(±10%) Input		
Current consumption	Max.70mA(at DC4.5V)/(Device+ IR LED:200mA)		
Operating Temperature	-20°C ~ ± 70°C		
Accessories	Extension Cable : 5M		
Weight	(47)g/ Except cable		
Dimension	32? x 29(W x D x H, mm)		



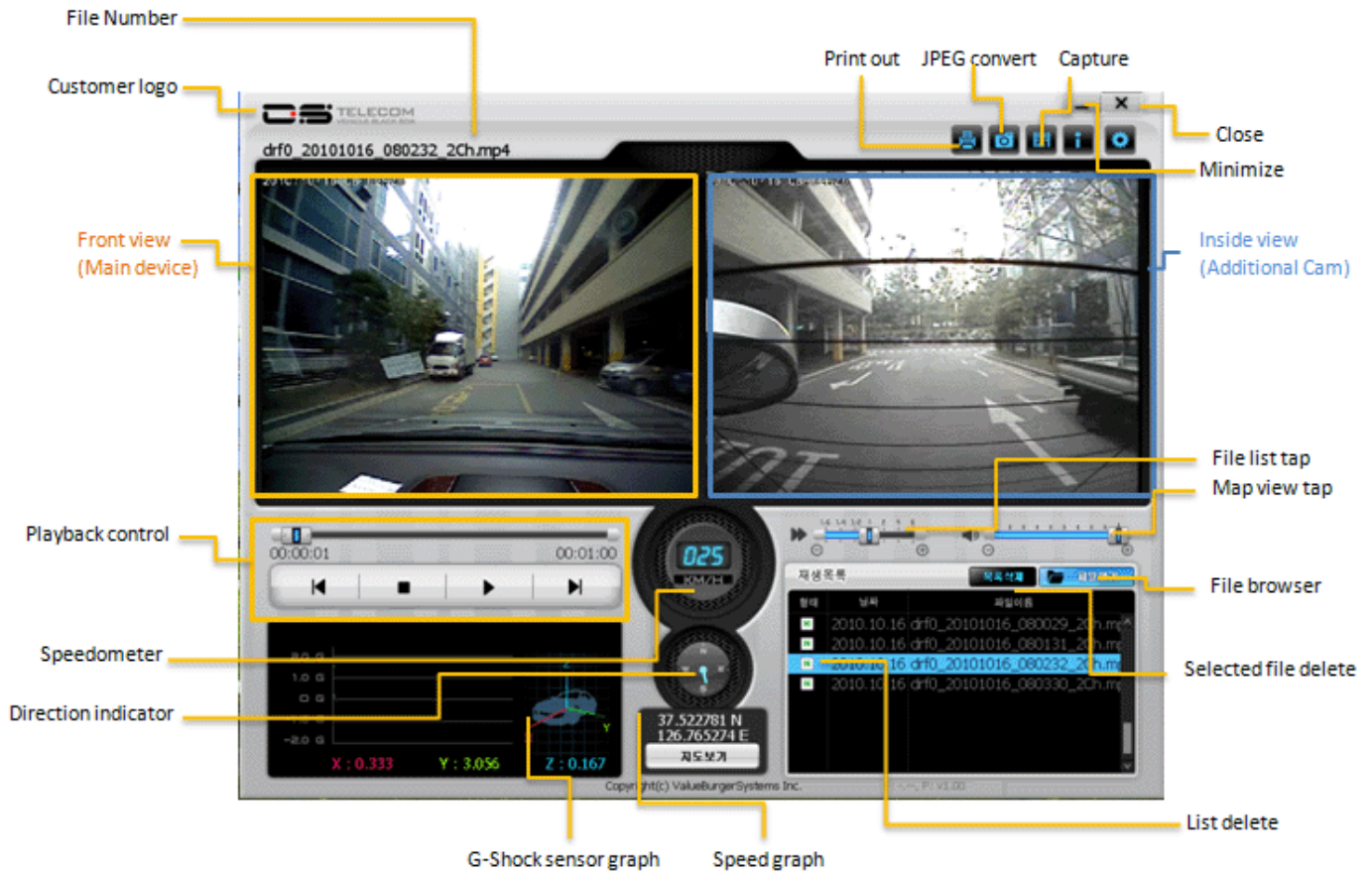
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Strana 5





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Strana 6

GUI Menu
B.I/ Logo
Data folder
Report subject
Tracking Map

Searching browser
Date sorting

Close
Minimize
Date browser

Current report
Footage location
Distance
Start & finish clock
Date(MM/DD/YY)

Print Convert Excel Program Info ECO driving setup

Select data period 10/ 1/2009 ~ 6/27/2011

Driving Diary Parking / Stop Rapid Acceleration Sudden Deceleration Driving Report ECO Score

Driving Diary

Criterion : More than 05minutes 30seconds stop
DATE/TIME : 10/1/09(THU) ~ 6/27/11(MON)

Date	Start	End	Location	Dist.(Mile)
	01:45:53		Leobidion Ilioupoli 16341 Greece	1,44
4/13/11	01:53:30		Platonos 2-10 Ilioupoli 16341 Greece	1,44
			Sub-Total	1,44
			Total	1,44



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Strana 7

GUI Menu
B.I./ Logo
Data folder
Report subject
Resume
ECO Driving chart

Searching browser
Date sorting
Close
Minimize
Enter
Driver info.
Resume table
Speed average

Micro Excel file data convert

	A	B	C	D	E	F	G	H
1	Units : Engin stpover during 05min 30sec.							
2	Date : 2011-01-05(WED) ~ 2011-07-12(TUE)							
3								
4	Date	Start	Location	Travel(Mile)				
5	Date	Finish	Location	Travel(Mile)				
6	2011-04-13	1:46:53	Leonidiou Ilioupoli 16341	1.44				
7	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 16311	1.76				
8	2011-04-13	1:46:53	Platonos 2-10 Ilioupoli 16311	2.34				
9	2011-04-13	1:53:30	Leonidiou Ilioupoli 16341	10.23				
10	2011-04-13	1:46:53	Leonidiou Ilioupoli 16342	10.21				
11	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 16315	6.33				
12	2011-04-13	1:46:53	Leonidiou Ilioupoli 16347	7.22				
13	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 163	6.22				
14	2011-04-13	1:46:53	Leonidiou Ilioupoli 143	5.34				
15	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 12312	8.34				
16	2011-04-13	1:46:53	Leonidiou Ilioupoli 123	9.23				
17	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 12312	15.33				
18	2011-04-13	1:46:53	Leonidiou Ilioupoli 12345	25.23				
19	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 123123	45.12				
20	2011-04-13	1:46:53	Leonidiou Ilioupoli 11233	1.33				
21	2011-04-13	1:53:30	Platonos 2-10 Ilioupoli 24142	2.34				
22			Sub.total	104.32				
23			Grand total	104.32				