

Stand-Alone 4Ch Mini DVR

- * 4Ch audio and video record.
- * Records on CF card with card lock design.
- * Built-in two CCD color high quality cameras and high sensitivity microphone.
- * Windshield mounting and angle adjustable design.
- * With external audio/video port for user to use external camera and microphone as option.
- * Designed with built-in G-sensor & delay off time switch.
- * Designed with built-in GPS as option for speed management and playback with mapping at side.



Technical Specification

Item	Description	Remarks
Video Input Format	NTSC/PAL	
Operating system	RTOS in firmware	
Video I/O	4Ch input / 1Ch full screen or 4Ch quad output,	
Audio I/O	4 Ch input / 1 Ch output	
Display frame rate	NTSC	120 frames/ sec
	PAL	10 frames / sec
Recording frame rate (Quad mode)	NTSC	Max 60 fps (Quad)
	PAL	Max 50 fps (Quad)
Recording frame rate (Each Mode)	NTSC	Max 15 fps (Each mode) / Each mode = MAX frame/number of video source
	PAL	Max 12.5 fps (Each mode) / Each mode = MAX frame/number of video source
Recording Mode	Continuous, manual, Event, Programmed	
Resolution	Display	NTSC: 720x480 PAL: 720x576
	Recording	NTSC: 640 x 224 PAL: 720 x 272
Compression format (Each channel)	Modified MJPEG (10-30K bytes/frame)	
Internal (Software) Motion Sensor	Yes	
Video Signal Loss Detection	Yes	
Time Display	Yes	
Duplex Mode	Record & playback at the same time	
OSD Language	English	
Color Fine-tune Function	Yes	
Security code protection	Yes (6 digits)	
Picture Storage	1 x CF card up to 64GB	
Daylight Saving Time	Yes (Auto change after setting)	
Function Expansion port	Yes (For driver action record and speed management device)	
GPS Device	Yes (Device optional built-in)	
G-sensor function	Yes (Device optional built-in)	
Record frame rate setting	Each channel can be setting	
Firmware upgrade	Yes (USB Host port)	
Power control and delay off setting	Yes (setting delay off 5/10/30/60 Minutes after key off)	
Power Consumption	450mA / DC12V	
Power Supply (working voltage)	DC 10~ 15V	
Dimension	8cm (W) x 5cm (D) x 11cm (H)	
Weight	260 g (with CF card)	

Camera Specification

	Pinhole camera	CCD IR camera
Sensor	1/3" Color CCD	1/3" Color CCD
Effective Picture Elements	NTSC: 510*492, PAL: 500*582 (H*V)	NTSC: 510*492, PAL: 500*582(H*V)
Lens	3.7mm	2.5mm (other spec. available)
Resolution	420TV Lines	420TV Lines
Light Sensitivity	0.6Lux f1.2	0.6Lux f1.2 / 0Lux with IR

* Above specification is subject to change without notice.



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