

Advanced GPS Driving Recorder



Front Lens



Dual-camera UER-04
Single-camera UER-03



- Dual Cameras
- IR LED+GPS Embedded
- Multi-mode Image Recording
- Video/Audio Surveillance
- Retrace of Driving Path
- An Aid to Accident Investigations



This State of the art Digital Recorder is design for in-car monitoring and surveillance purposes. It include Dual CMOS camera, GPS, G-sensor information and video and audio recording.

Video Recording



Clear image for passenger identification

- * Dual CMOS sensor
- * Infrared for low light operation
- * Made in Taiwan

GPS Tracking Information



Retrace your Driving Path

- * Built-in GPS module (SirF III Chipset)
- * Route Tracing

Hardware Specification

CMOS Sensor Module specification

Items	Spec
Array Element	640x480 (VGA)
Sensor Size	1/4" View angle: front:83 Back:117
View Angle	Back Camera:View Angle 117°
Image Transfer Rate(Max)	VGA - 30 fps
Scan Mode	Progressive
Electronic Exposure	Up to 510:1 (for selected fps)
Pixel Size	6 μm x 6 μm
Fixed Pattern Noise	<0.03% of VPEAK-TO-PEAK
Image Area	3.984 mm×2.952 mm

Power Source

Power Source: DC	Voltage : 5.0 volt
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Power Consumption

System power consumption is 3A @ 5volt
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Accessories

- Car Recorder Unit x 1
- Power Cable x 1
- Mounting Frame x 1
- Cable Clamp x 6
- User Manual x 1
- Software Application CD x 1
- Warranty Card x 1

GPS specification

Category	Parameter	Description
General	GPS Chipset	SIRF Star III
	Frequency	L1, 1575.42MHz
	Channels	12 CH for tracking
	Antenna	GPS Patch Antenna
	Datum	WGS-84
Acquisition	Cold Start	50 sec , average
	Warm Start	33 sec , average
	Hot Start	1 sec , average
	Reacquisition	< 1 sec
Protocol	GPS output	NMEA-0183 (V3.01)
		GGA , GSA , GSV , RMC (default)
		GLL, VTG (Optional).
Sensitivity	-158dbm	