



Mobile AX1

Vehicle Driving Data Analysis System



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CCTV SOLUTIONS



045 885875 0872694096

- ❖ Safe Driving and Protecting Accident
- ❖ Safety for Passengers in Public Transportation Vehicles
- ❖ Protecting Crimes in Vehicles
- ❖ Storing Videos and Audios in Vehicle
- ❖ Storing Driving Data - Speed, GPS, & Sensors
- ❖ Usable as an Evidence for Accident or Crime
- ❖ Tracking Driven Situation or Status
- ❖ Playback Videos & Audios
- ❖ Retrieval Sensor Events in Vehicle
- ❖ Replace traditional Analog VCR
- ❖ Reliability and Stability is the Most Important



1) Compact, Portable & Ruggedized Product → Storing & Playback Video + Audio + Driving Data

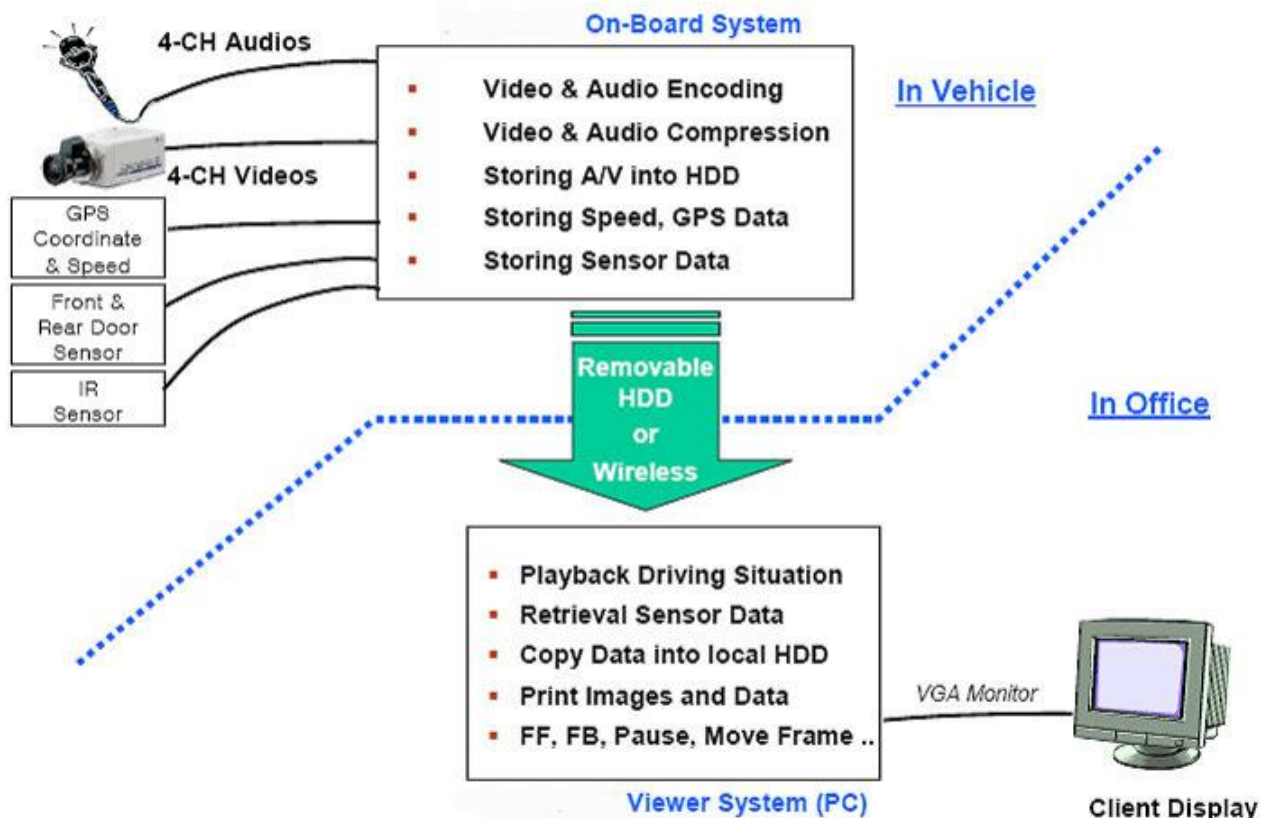
- ❖ Storing 4 channels of Video & Audio
- ❖ Storing GPS Coordinate & Driving Speed, Front/Rear Door Open & IR Sensor Data
- ❖ Compact Dimension & Light Weight (3.3Kg – including 3.5" 160GB HDD)
- ❖ Our Own Removable HDD ← Use Lowest & Largest Standard HDD
- ❖ Perfect Anti-Shock & Vibration Chassis ← Very Specially Designed 3D Stainless Wire Spring
- ❖ Highly Reliable Embedded Linux basis Single Board Computer
- ❖ Easy Installation and Operation
- ❖ Playback data using existing PC & ← Docking Station
- ❖ Easy Playback, Retrieval & Print



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2) MobileAX1 System Functional Separation



* Wireless LAN Interface is optional feature.

3) MobileAX1 System Chassis Design - Anti-Shock & Vibration Design in Moving Vehicles

- ❖ Use Largest & Lowest Price of HDD
- ❖ Design Anti-Shock and Vibration Chassis for Safe Running
 - 2 Levels of Absorbing Features
 - 1st : 3D Stainless Wire Spring
 - 2nd : Rubber Ring under the Main Unit
- ❖ Operation under Low & High Temperature
 - Use Aluminum Materials for easy Heat Sink
- ❖ Cover Unstable Electric Power Source from the Car
 - Operation from 8V ~ 28VDC Input
- ❖ Small Size & Light Weight for Easy Installation
 - 255(W) x 152(H) x 255(D) mm



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4) Mobile AX1 - Supports Various & Useful I/Os



5) MobileAX1 Playback Window by using PC with Docking Station - Quad Screen & Driven Speed



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5) MobileAX1 Playback Window by using PC with Docking Station – Trace Driven Route on the Map



MobileAX1 Playback Window by using PC with Docking Station - Full Screen



Thumb-nail Search Screen



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6) MobileAX1 Product Specifications CCTV Ireland

Features	Descriptions
	Embedded Linux System
Processor	200MHz PowerPC CPU
Camera Input	Four(4) Channel of PAL or NTSC
Audio Input	Four(4) Channel
Display Speed	120 fps @ 320 x 240 res.
Recording Speed	120 fps @ 320 x 240 res. / 30 fps @ 720 x 480 res. for one Channel
Storing Data Format for Video	MPEG-4
Storing Data Format for Sound	MPEG-4
External Input / Output	MIC x 4, GPS , F/R Door Open Sensor, IR Sensor & extra Input
	4 x Alarm Out
	1 x Camera Loop Output
	4 x DC 12V Output for Cameras Power
Storage Interface	EIDE Type HDD (80GB, 120GB, 160GB, 250GB & 400GB)
Network Interface	10/100 BaseT Ethernet
USB Port	2 x USB 2.0 Ports
Serial Port	RS-232C Interface
Chassis Mount	Perfect Ruggedized Anti-Shock & Vibration Absorber
Operation Power	DC12V/5A or DC24V/2.5A
Dimension	Main Unit : 133(W) x 78(H) x 220(D) mm
	Including Absorber : 255(W) x 152(H) x 255(D) mm
Weight	3.3Kg including 160GB HDD and Anti-Shock & Vibration Absorber
Viewer System	Existing PC with optional Docking Station on VGA Monitor
Docking Station (optional)	Using Docking Station, Playback on PC Monitor
