



The Most Rugged Mobile DVR Introduced Ever

HDV04P provides the cutting edge of Mobile solutions for any types of mobile transportations. HDV04P was built upon industrial specification that offers the most reliable Mobile solutions ever. Its industrial specification allows withstanding any harsh conditions of shock, vibration and temperature. Explore our new Mobile DVR and being protected by the most reliable in-vehicle device.



General Features

Compact Size For In-Vehicle Installation

Its compact size provides space efficient in vehicle installation for various type of moving vehicles.



Multi Storage Support – 2.5" Removable HDD, SD Card And USB



HDV04P provides dual recording storages. It provides 2.5" removable HDD and SD (SDHC up to 32G) for recording. SD can be also used as emergency back up storage if it is used with HDD together under harsh driving conditions or weather. USB can be used for Data being copied and backed up on.

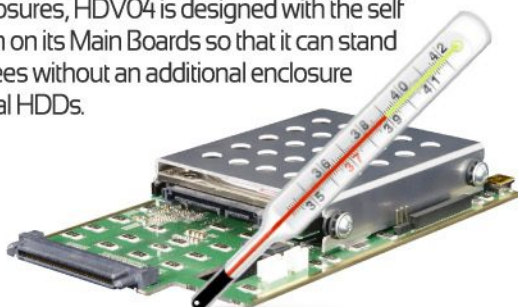
Built in GPS For E-Map Application



Built in GPS allows keeping the track of moving vehicles by using CMS and Google Map.

Industrial Standard To Stand harsh Temperatures Without Additional Enclosures

HDV04P is designed to meet the Industrial level of H/W structure to stand harsh conditions. Not like other DVRs which require additional enclosures, HDV04 is designed with the self heating system on its Main Boards so that it can stand up to -20 degrees without an additional enclosure and with normal HDDs.



Various And Most Useful I/Os



HDV04P is equipped with various useful I/Os. 4ch Audio Ins allow input control from -91.5 dB--+31.5 dB, and 2ch relay outs (350mA). 2 USB ports are provided for backup and Mouse control. RS232 and RS485 are provided for External devices.

Additional Power Supply For Cameras And Monitor (12V)



HDV04P provides additional power (12V, 300mA per camera) for cameras and monitor (12v). This will minimize the spaces and additional installation efforts.

Anti-Shock And Vibration Tests Upon Military Specification

HDV04P is designed with full Anti shock and vibration H/W structure. Its dual protection architectures are built on HDD rack internally and main body.



Various Event Detections Using Built-In G-Sensor



3-axis G-sensor allows to keep and record vibrations or shocks (Traffic Accidents, Quick Start and Quick Stop) on vehicles during the driving. This provides recording for the various type of event on DVR system.



Internal Anti Shock and Vibration control for HDD



Additional power supply for cameras and Monitor



Attached M/B with built on heating architecture for both system and HDD



HDD Safety lock



Additional Ventilation holes for heat management



Anti Shock and Vibration control



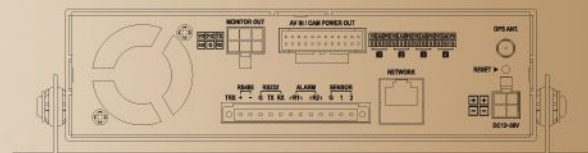
General Specification

Model		HDV04P
Video	In	4 Ch
	Out	1 CVBS
Audio	In	4 Mic-in
	Out	1 Line-out
Power	Out	4 for Camera, 1 for Monitor (12V)
Device	Sensor In	2 TTL
	Alarm Out	2 Relay
	I/O Interface	RS-232, RS-485, USB2.0, USB1.1
	GPS	Built-in GPS (External Active Antenna Port)
Display	G-Sensor	Traffic Accident, Quick Start, Quick Stop
	Speed	Real Time
	Resolution	720 x 480 (NTSC), 720x576(PAL)
Recording	Split Screen	1, 4, PIP, Digital Zoom
	Compression	H.264 Codec
	Speed / Resolution	120fps@CIF(NTSC) / 100fps@CIF(PAL) 60fps@Half D1(NTSC) / 50fps@Half D1(PAL) 30fps@D1(NTSC) / 25fps@D1(PAL)
	Picture Quality	Very High, High, Standard, Low
Playback	Mode	Time-lapse, Event, Time&Event
	Display	1, 4, Digital Zoom
	Search Mode	Calendar Search, Event Search, Text-In Search, Go to Time
	Playback Mode	Multi Channel Normal & Reverse Play, RW & FF (x2, x4, x8, x16, x32), Frame to Frame, Pause
Network	Map	Associated Google Map
	Network Interface	Ethernet (10/100 Base)
	Protocol	TCP/IP, HTTP, DHCP
	Application	Live, Playback, Setup, Notification (Callback, E-Mail)
	Web Browser	Internet Explorer 7 or higher
Storage		Removable Rack(2.5inch SATA HDD or SSD & SD Card)
Backup		External ODD, HDD, USB Memory
Control		USB Mouse, IR Remote Controller, Joystick Controller
OSD		Graphic User Interface (Multilingual)
Approval		FCC, CE, KCC
ROHS		ROHS Compliance
Power Consumption		DC12~36V, 64W
Operating Temperature		-20°C ~ 50°C / -4°F~122°F (Built-in Heating System)
Operating Humidity		0%~80% / non-condensing
Dimension		218(W) x 56(H) x 255(D) mm / 8.58(W) x 2.2(H) x 10.0(D) inch
Weight		1.33Kg / 2.93lbs (without HDD)

Specifications are subject to change without notice.



HDV04P Front View



HDV04P Rear View