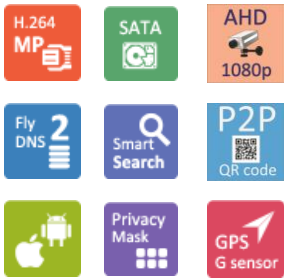# 8-CH IP-CAM/AHD Hybrid Mobile DVR

DM-5008AT HMDVR

Features

Local

✓ **8-CH IP-CAM/AHD 1080p Hybrid Vehicle DVR** with hexaplex operation - simultaneous record, live, playback, backup, control, & remote access

✓ **H.264 High Profile** with outstanding quality but less storage size

✓ **Max record/playback capabilities:**

   IP-CAM: 240/200fps@1080p/720p; **Analog**: 120fps@1080p. 240fps@1080p-lite/720p/960H

✓ **Max. 60Mbps incoming bandwidth for IP-CAM**

✓ **Smart search** & playback

✓ VGA/CVBS output resolution up to 1920 x 1080

✓ 2.5" internal HDD (>4TB/HDD) or SSD

✓ **Digital watermark**

✓ Up to 4 alarm inputs, **car speeding pulse input, car engine revolution signal input**

✓ Ethernet and **USB 3G dongle** support for remote access, with dual streaming support

✓ **Built in G sensor** for alarm of acceleration, brake, left/right turn

✓ **Built in GPS** to support Google Earth and Google Maps

✓ **Delay Off capability**

Remote

✓ **DVR browser utility**

✓ **Free DDNS** server

✓ **Push alarm notification** for portable device

✓ Two-way audio capabilities

✓ **Audio broadcasting**

✓ Dynamic electronics maps for CMS

✓ Remote setup, monitoring, backup, alarm notification, & **remote software upgrade**

✓ **iPhone/iPad/Mac/Android/MS-Windows** remote software

✓ 1 I.E./Firefox/Chrome/App for multiple DVRs

✓ Configurable **HTTP/SMTP/FTP/Control/Data** port

✓ Support Google Earth and Google Map

✓ **Support UPnP, P2P, RTSP and QR code**

✓ **MS-Windows/iOS/Android SDK** for the integration with different applications

Specification

Model		DM-5008AT
System	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
Video	Format	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR **AHD** or Analog
	Input	IP-CAM: Up to 8-CH 1080p; Analog: **8-CH AHD 1080p**, BNC, 1Vp-p/75ohm
	Main monitor	CVBS*1, 1Vp-p/75ohm ; VGA D-SUB 15-pin connector
Audio	Input	2 RCA-jack connectors, line-in level (100mV-1Vrms)
	Output	2 RCA-jack connector, line-out level (up to 1Vrms)
Record	Compression	IP-CAM: H.264; Video: H.264 High Profile ; Audio: ADPCM
	Max frame rate	IP-CAM: 240/200fps@1080p/720p; Analog: 120fps@1080p, 240/200fps@1080p-lite/720p/960H Up to 60Mbps incoming bandwidth for IP-CAM
	Mode	Manual/Schedule/Alarm/Motion/Acceleration/Brake/Speed/Left-Right-Turn
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576
	Split windows	1/4/7/9
	Frame rate	Up to 30/25 FPS per camera
	Freeze	Yes
	Digital Zoom	X2, X4
Playback	Max frame rate	IP-CAM: 240/200fps@1080p/720p; Analog: 120fps@1080p, 240/200fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, Motion, Video Loss, Acceleration, Brake, Speed, & Left/Right Turn
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.
Storage	HDD	1 set of 2.5" SATA HDD > 4TB storage, Failure detection & privacy law supported
	Backup	1 SD slot and 1 USB 2.0 port, Self playback for backup files
Alarm	Input	4 contact or TTL/CMOS signals, polarity selectable
	Output	2 (1 Normally Open, 1 Normally Closed) relay outputs
	Triggered by	Sensor input, Video loss, Motion, Speed, Acceleration, Brake (with built-in G sensor), & Left/Right Turn
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P
	Remote	Support Windows 8/7/Vista/XP/2003, 1 I.E/Firefox/Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/Android phone and Tablet PC
Control / GPS / Car Speed / Engine Revolution	Remote Controller	1 remote controller through built-in sensor or wired remote sensor
	RS-232/RS-485	1 D-type male connector or 2-pin for PTZ/keyboard control (selected by OSD)
	GPS	Optional
	Car speed	2-pin for car speeding pulse input with configurable parameters or from GPS
	Engine Revolution	2-pin for car engine revolution signal input
Setup	Local	On screen setup via keypad, remote controller and/or mouse
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software
Reliability	System recovery	Auto power on after power loss recovery; Watch Dog Timer
	Security	Key lock for DVR host; Multi-level password (4 levels, up to 18 accounts)
	Operating shock	8G, 11ms (20 per five seconds max)
	Operating vibration	With HDD : 5 - 500Hz, 1.65G (0 to peak); With SSD : 5 - 500Hz, 2.7G rms
	Moisture proof	With spray coating
Weights & Measures	Dimension	178(W) x 210(D) x 50(H)mm
	Weight	2.2KG (without HDD)
Power	Source	+12 or +24VDC, with acceptable rang +9.5 - 35VDC
	Consumption	Max. 20W without 12VDC output / heater loading
	Delay ON/OFF	Yes, with configurable timer
	12VDC Out	Up to 2.0A for all cameras
Operating Temperature		0ºC ~ +50ºC, with HDD & optional built-in heater; -15ºC ~ +50ºC, with SSD & optional built-in heater

AHD **Hybrid** Vehicle DVR