

Compact 8-CH (TVI/AHD) Hybrid Mobile DVR

DM-1204AT Hybrid MDVR



Features

Local

- ✓ **8-CH ((4-CH IP-CAM and 4-CH (TVI/AHD)) Hybrid Mobile 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 capabilities:**
IP-CAM: 120/100fps@1080p/720p, **Analog:** 60fps@1080p, 120/100fps@1080p-lite/720p/960H
- ✓ **Max. 40Mbps incoming bandwidth for IP-CAM**
- ✓ Playback search by time or event (alarm, motion, video loss, [acceleration](#), [brake](#), [speed](#), & [left/right turn](#))
- ✓ **Smart search & playback**
- ✓ VGA/CVBS output with resolution up to 1920 x 1080
- ✓ **1 SDXC card with storage up to 2TB**
- ✓ **Digital watermark**
- ✓ Up to 2 alarm inputs, **car speeding pulse input**, **car engine revolution signal input**
- ✓ Ethernet and **USB 3G/4G/WiFi 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

Remote

- ✓ **DVR browser utility**
- ✓ **Free DDNS server**
- ✓ **Push alarm notification** for portable device
- ✓ Two-way audio capabilities
- ✓ **Audio broadcasting**
- ✓ 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 Maps
- ✓ **Support UPnP, P2P, RTSP and QR code**
- ✓ **MS-Windows/iOS/Android SDK** for the integration with different applications

Specification

Model		DM-1204AT
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: (TVI,) AHD or NTSC/EIA or PAL/CCIR
	Input	IP-CAM: up to 4-CH 1080p Analog: up to 4-CH (TVI/AHD) 1080p, BNC, 1Vp-p/75ohm Total Max: 4CH Analog + 4CH IP-CAM = 8CH
	Main monitor	CVBS*1, 1Vp-p/75ohm ; VGA D-SUB 15-pin connector
	3-D de-interlace	Yes
Audio	Input	1, line-in level (100mV-1Vrms)
	Output	1, line-out level (up to 1Vrms)
Record	Compression	IP-CAM: H.264; Video: H.264 High Profile ; Audio: ADPCM
	Max frame rate	IP-CAM: 120/100fps@1080p/720p, Analog: 60fps@1080p, 120/100fps@1080p-lite/720p/960H Up to 40Mbps 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
	Frame rate	Up to 30/25 FPS per camera
	Digital Zoom	X2, X4
Playback	Max frame rate	60fps@1080p, 120/100fps@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	SD/SDXC	1, up to 2TB; Failure detection & privacy law supported
	Backup	1 USB 2.0 ports; Self playback for backup files
Alarm	Input	2 contact or TTL/CMOS signals, polarity selectable
	Output	1 Normally Open or 1 Normally Closed relay output
	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	1 set (3-pin: Tx, Rx, GND)
	GPS	Built-in (Antenna 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 remote controller and/or mouse
	Remote	Setup & upload via Windows/Mac/iPad/Android phone application software
Reliability	System recovery	Auto power on after power loss recovery; Watch Dog Timer
	Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access
	Operating shock	8G, 11ms (20 per five seconds max)
	Operating vibration	5 ~ 500Hz, 2.7G rms
Moisture proof	With spray coating	
Weights & Measures	Dimension	118.5(W) x 128(D) x 43.4(H)mm;
	Weight	400g
Power	Source	+12 or +24VDC, with acceptable rang +8.8 ~ 35VDC
	Consumption	10W
	Delay off	Yes, with configurable timer
Operating Temperature	-15°C ~ +50°C	