



Product Datasheet

Part Code: See specification

Vidistor Compact-HD
Full Hybrid DVR/NVR

Key Features

- Full HD recording > 1080p using H.264 main profile compression
- Hexaplex Operation - Simultaneous: Record, Live, Playback, Video Back-up, Local control and Remote access.
- Each camera input has a separately definable record frame rate of 1 ~ 25 IPS.
- Full Hybrid NVR supporting ALL major video formats: D1, 960H and AHD / HD-SDI and IP -CAM to full HD (1080p).
- Supports both ONVIF and RTSP IP camera protocols
- Smart Search™ function allows you to combine multiple criteria (cam/time/date/alarm and meta-data) to get to information more quickly.
- HD monitor display supports VGA resolutions up to 1920 x 100.
- Removable “DVR dock” supports HDD / SSD's up to 2TB.
- Supports up to 4 alarm inputs, a car speed-pulse input and an RPM signal input.
- Supports USB 3G dongle for quick, simple remote connectivity and tech support.
- Built-in GPS to track and record the speed and location of the vehicle.
- Built-in G-Sensors record and report acceleration, braking, left/right turns and collisions to log.
- User defined delayed power off for post-ignition video recording and asset security.
- Simple on-screen menus to set-up NVR via USB mouse.



Specifications

System	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
Audio	Input	2 RCA-jack connectors, line-in level (100mV-1Vrms)
	Output	1 RCA-jack connector, line-out level (up to 1Vrms)

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Specifications....continued

		VHVR-CHD-4:	VHVR-CHD-8	VHVR-CAHD-12	VHVR-CHDSDI-10
Video	Format	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR, AHD or Analog	IP-CAM: ONVIF Profile S; HD: HD-SDI (SMPTE292M), Analog: NTSC/EIA or PAL/CCIR
	Input	IP-CAM: Up to 4-CH 1080p/720p; Analog: 4-CH, CVBS, 1Vp-p/75ohm	IP-CAM: Up to 8-CH 1080p/720p; Analog: 8-CH, CVBS, 1Vp-p/75ohm	IP-CAM: Up to 12-CH 1080p/720p; Analog: 8-CH AHD 1080p, CVBS, 1Vp-p/75ohm	IP-CAM: Up to 8-CH 1080p/720p; HD: 2-CH HD-SDI, BNC, up to 1080p30, 720p60 Analog: 8-CH, CVBS, 1Vp-p/75ohm
	Main Monitor	CVBS*1, 1Vp-p/75ohm ; VGA D-SUB 15-pin connector			
Record	Compression	IP-CAM: H.264; Video: H.264 Main Profile ; Audio: ADPCM	IP-CAM: H.264; Video: H.264 Main Profile ; Audio: ADPCM	IP-CAM: H.264; Video: H.264 Main Profile ; Audio: ADPCM	Video: H.264 Main Profile ; Audio: ADPCM
	Max frame rate	IP-CAM: 120/100fps@1080p/720p; Analog: 120/100fps@960H/D1/ Half-D1/CIF Up to 40Mbps incoming bandwidth for IP-CAM	IP-CAM: 120/100fps@1080p/720p; Analog: 240/200fps@960H/D1/ Half-D1/CIF Up to 40Mbps incoming bandwidth for IP-CAM	IP-CAM: 240/200fps@1080p/720p; Analog: 120/100fps@1080p, 240/200fps@1080p-lite/720p/960H/D1 Up to 80Mbps incoming bandwidth for IP-CAM	IP-CAM: 60fps@1080p/720p; HD: 25fps@1080p, 60/50fps@720p Analog: 120/100fps@960H, 180/150fps@D1, 240/200fps@ Half-D1/CIF Up to 20Mbps 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 seconds			
Display	Resolution	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576	VGA-1920*1080 ; NTSC – 720*480, PAL – 720*576
	Split windows	1/4/7/9/10/13/16			
	Frame rate	Up to 30/25 FPS per camera	Up to 30/25 FPS per camera	Up to 30/25 FPS per camera	Up to 30/25 FPS per camera
	Freeze	Yes			
	Digital Zoom	X2, X4			
Playback	Max frame rate	IP-CAM: 0fps@1080p/720p; Analog: 120/100fps@960H/D1/ Half-D1/CIF 120/100fps@1080p/720p; Analog: 120/100fps@960H/D1/ Half-D1/CIF	IP-CAM: 120/100fps@1080p/720p; Analog: 240/200fps@960H/D1/ Half-D1/CIF	IP-CAM: 240/200fps@1080p/720p; Analog: 120/100fps@1080p, 240/200fps@1080p-lite/720p/960H/D1	IP-CAM: 60/50fps@1080p/720p; HD: 25fps@1080p, 60/50fps@720p Analog: 120/100fps@960H, 180/150fps@D1, 240/200fps@ Half-D1/CIF
	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	500GB / 1TB / 2TB (Pro-Video & Enterprise Class)			
	Backup	USB flash drive (> 256GB), SD Card (> 500GB), SDXC card (> 2TB)			



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Specifications....continued

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
	Function	Free DDNS, Email, FTP, RTSP, Two-Way audio, Audio broadcasting, USB 3G dongle support
	Remote Management	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; RTSP (remote viewing support for ip camera)
	GPS	GPS Antenna included
Control / GPS / Car Speed / Engine Revolution	IR Remote Control	1 remote control via built-in IR sensor or a wired remote sensor connecting to loom
	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
Setup	Local	On screen setup via keypad, remote controller and/or mouse
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software
	System Recovery	Auto power on after power loss recovery
	Watch dog timer	Yes
	Timer	Built-in real time clock ; Time synchronization with TSP server or GPS
	Security	Key lock for DVR host; Multi-level password (4 levels, up to 18 accounts)
Reliability	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 and measures	Dimensions	178(W) x 210(D) x 50(H)mm
	Weight	2.2KG (without HDD), 2.4KG (with 2.5" HDD / SSD)
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		0° ~ +65° (HDD & SSD), -15° ~ +65° (with optional heat-pad)

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Solution Connectivity Overview

