Product Datasheet

Part Code: See specification

Vidistor MINI 4CH Hybrid NVR

Key Features

- 4-CH 1080p IP-CAM & 4-CH (TVI/)AHD Hybrid Mobile DVR
- H.264 High Profile video compression/decompression with configurable quality
- Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
- Max. record capabilities: IP-CAM: 120/100fps@1080p/720p, Analog: 60fps@1080p, 120/100fps@1080p-lite/720p/960H
- Max. playback capabilities: 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
- 1 SDXC card with storage up to 2TB
- Digital watermark
- Car speeding pulse input, car engine revolution signal input
- Ethernet and USB 4G/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

Specifications

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

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Specifications.....continued

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, CVBS, 1Vp-p/75ohm
	Main Monitor	CVBS*1, 1Vp-p/75ohm ; VGA D-SUB 15-pin connector
	3-D de-interlace	Yes
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 seconds
Display	Resolution	VGA – 1920*1080, NTSC - 720*480, PAL - 720*576
	Split windows	1/4/9
	Frame rate	Up to 30/25 FPS per camera
	Freeze	Yes
	Digital Zoom	X2, X4
Playback	Max frame rate	60fps@1080p, 120/100fps@1080p-lie/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.
Alarm	Input	2 contact or TTL/CMOS signals, polarity selectable
	Output	1 Normally Open or 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	IR Remote Control	1 remote control via built-in sensor or a wired remote sensor connecting to loom
	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

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Specifications.....continued

Setup	Local	On screen setup via keypad, remote controller and/or mouse
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software
Reliability	Operating shock	8G, 11ms (20 per five seconds max)
	Operating vibration	5 ~ 500Hz, 2.7G rms
	Moisture proof	With spray coating
Weights and measures	Dimensions	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 ON/OFF	Yes, with configurable timer
Operating temperature		-15ºC ~ +50ºC

Part Codes

VHVR-MAHD-4-128GB	MINI 4ch Hybrid NVR with 128GB SDXC (Class 10) supports D1, 960H, AHD and IP cameras, 12~24V DC.
VHVR-MAHD-4-256GB	MINI 4ch Hybrid NVR with 256B SDXC (Class 10) supports D1, 960H, AHD and IP cameras, 12~24V DC.
VHVR-MAHD-4-512GB	MINI 4ch Hybrid NVR with 512GB SDXC (Class 10) supports D1, 960H, AHD and IP cameras, 12~24V DC.

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Vidistor Compact

Solution Connectivity Overview