



Product Datasheet

Part Code: VHVR-16CH-STATIC

Vidistor Static Site AHD / NVR Full Hybrid Video Recorder

Key Features

- 16-CH IP-CAM and AHD 5MP Turbo Hybrid DVR (Compatible with TVI camera)
- H.264 High Profile with outstanding quality
- Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
- Max. record/playback capabilities: IP-CAM: 240fps@1080p, 480/400fps@720p; Analog: 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H
- Max 80Mbps incoming bandwidth for IP-CAM
- Smart search & playback
- HDMI: 3840x2160; VGA: 2560x1600; CVBS
- 5 internal HDDs (>6TB/HDD) and eSATA/NAS extension
- Digital watermark
- Up to 16/4 alarm inputs/output
- Ethernet and USB 3G/4G dongle, with dual streaming support



4K
ULTRA HD

Specifications

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 16-CH 1080p/720p; Analog: Up to 16-CH AHD 5MP, BNC, 1Vp-p/75ohm
	Main Monitor	HDMI: 3840x2160; VGA: 2560x1600; BNC*1, 1Vp-p/75ohm
Audio	Call Monitor	BNC*1, 1Vp-p/75ohm
	Input	8 RCA-jack connectors, line-in level (100mV-1Vrms)
	Output	HDMI; 2 RCA-jack connector, line-out level (up to 1Vrms)



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Specifications.....continued

Record	Compression	IP-CAM: H.264; Video: H.264 High Profile ; Audio: ADPCM
	Max frame rate	IP-CAM: 240fps@1080p, 480/400fps@720p; Analog: 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H Up to 80Mbps incoming bandwidth for IP-CAM
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post record time	0 - 60 minutes
Display	Resolution	HDMI: 3840x2160; VGA: 2560x1600; CVBS
	Split windows	1/4/7/9/10/13/16
	Frame rate	Up to 30/25 FPS per display window
	Digital Zoom	X2, X4
Playback	Max frame rate	192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, Motion & Video loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.
Storage	HDD	5 sets of 3.5" SATA HDD with storage >6TB/HDD Failure detection & privacy law supported
	HDD Extension	1 optional eSATA connector for up to 5 external HDDs
	Backup	USB2.0 x 2; Self playback for backup files
Alarm	Input	16 contact or TTL/CMOS signals, polarity selectable
	Output	2 Normally Open, 2 Normally Closed relay outputs
Network	Ethernet	1 RJ-45 10M/100M bps Ethernet connector
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P
	Remote	Support Windows 8/7/Vista/XP/2003, N-streaming live view, 1 IE/Firefox/ Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/An- droid phone and Tablet PC
Control / POS / GPS	Remote controller	1 remote controller to control up to 4 DVRs; Optional extension cable
	RS-232	1 D-type male connector for PTZ, keyboard, POS, or GPS
	RS-485	2-pin for keyboard and/or PTZ control
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard
	Remote	Setup & upload via Windows/Mac/iPad/Android Tablet application software

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Specifications

Reliability	System recovery	Auto power on after power loss recovery
	Watch dog timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access
Weights & Measures	Dimensions	430(W) x 350(D) x 66(H)mm
	Weight	4.0 KG (without HDD)
Power	Source	+12VDC
	Consumption	100W Max. (with 5 HDDs)
Operating Temperature	0°C ~ +40°C	