

REAL-TIME, 2CIF H.264 4-Channel DVR

COMPACT DVR WITH IR REMOTE & MOUSE

VLDVR4-A



- ▶ 4-Channel Digital Video Recorder with 4-Channels of Audio and 2-Way Communication
- ▶ H.264 compression with Real Time 120-ips 2CIF Recording
- ▶ Concurrent Composite BNC / VGA Video Outputs
- ▶ User Friendly 3D Graphical User Interface (GUI) Menu System with Full PTZ Control
- ▶ Multiple Recording Modes: Time-Lapse, Pre-event, Event, Panic and Continuous
- ▶ Built-In POS/Text-In, Video Motion Detection (VMD), Video Obscuration Detection (VOD), Alarm-in, and Video Loss Per Camera
- ▶ Programmable Event Action (up to 30 min. Pre-Event / 15 min. Post Event Recording) and SMTP Email for all Alarmed Events
- ▶ Powerful Search Modes: Calendar, Time-Date, Event, Motion, Museum, and POS/Text-In
- ▶ Key-Lock Security / Up to 64 Groups with 256 Individual User Passwords
- ▶ 1-Touch / 2-Touch Video Archive (Clip Copy). Executable "Player" Software Program attached with Encrypted Watermark for Video Authentication
- ▶ SMART Diagnosis, Temperature Check, Auto Recovery, and Auto Deletion
- ▶ Time Sync via Internet or Network Time Servers
- ▶ PTZ Control – More than 50 Specific Protocols including but not limited to Pelco D, Spectra, Fastrax 2
- ▶ Built-in Web Server (IE Browser) and Supports Static-IP, ADSL, DHCP, Dynamic-IP and DVRNS (Enhanced DDNS)
- ▶ ATVision Pro™ Remote Software Features Full Triplex Operation: Live Monitoring, Playback, Recording, Setup, PTZ control, Upgrades, Map Integration, Multi-Site System Health Monitoring with User Defined 64-Channel View and Customized Panel Design
- ▶ Smart Phone Compatible: BlackBerry™, iPhone™, iPad™, Android™ and Windows Mobile™
- ▶ Full-Function IR Remote Control and Mouse Included

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VALUE LINE SERIES

SPECIFICATIONS

MODEL		VLDVR4-500-A ~ 4-Ch, DVR, H.264, VGA, USB, 500GB HDD
MODEL		VLDVR4-1TB-A ~ 4-Ch, DVR, H.264, VGA, USB, 1TB HDD
MODEL		VLDVR4-2TB-A ~ 4-Ch, DVR, H.264, VGA, USB, 2TB HDD
V I D E O	Signal Format	NTSC or PAL (auto sensing)
	Video Input	Composite: 4 inputs (non looping)
	Monitor Outputs	Composite: One (BNC) Main Video, 1Vp-p, 75-ohms Analog RGB: VGA (DB-15)
	Display Resolution	720x480 (NTSC) VGA: 800x600,1024x768, 1280x1024 @60hz
	Record Resolution	360x240, 720x240, 720x480 (NTSC)
	Playback/Record Speed (ips)	360x240 (CIF) 720x240 (2CIF) 720x480 (D1) 120 ips 120 ips 60 ips (4 ch)
	Display Divisions	1, 4 (quad)
	Zoom	2X
	Quality	4 levels (Basic, Standard, High, Very High)
	Record Mode	Manual, Schedule, Event (Motion, Sensor, Video Loss)
Codec	H.264	
I N P U T S / O U T P U T S	Alarm Input	4
	Alarm Output	1 relay output, terminal block, NC&NO
	Internal Buzzer	Yes
	Network Connectivity	10/100 Base Ethernet
	Audio Input	4 line level
	Audio Output	1 line level
C O N N E C T O R S	Video Input	Composite: 75Ω Termination: 4 BNC
	Video Output	Non-looping
	Monitor Output	Composite: 1 BNC VGA: 1 15-pin D-sub
	Audio Input	4 RCA
	Audio Output	1 RCA
	Alarm Input	Up to 4 external sensor, Terminal Block
	Alarm Output	1 Relay, Terminal Block
	Ethernet Port	RJ-45
	RS-485 Serial Port	Terminal Block
	USB Port	2 front panel-v2.0
IR Port	1 front panel, remote control	
G E N E R A L	Primary Storage	1 HDD; 500GB, 1TB, 2TB
	Backup Storage	USB (HDD, CD-RW, Flash Drive)
	Dimensions (W x H x D)	10.4" x 2.0" x 7.5" (265mm x 52mm x 191mm)
	Unit Weight	3.7lbs (1.7kg)
	Shipping Weight	7.3lbs (3.3kg)
	Operating Temperature	41°F - 104°F (5°C - 40°C)
	Operating Humidity	0 - 90%
	Voltage	12VDC via 120VAC power adapter
	Power	Max. 25W (3A)
	Conformity Certifications	DVR: FCC, CE, RoHS Power Adapter: UL, CE, FCC, RoHS

STORAGE DURATION

The VLDVR4-A with 500GB HDD records up to 120-ips at 2CIF resolution (30-ips per channel) and the tables below illustrate a typical recording duration for various record resolutions with a single video input, with continuous video recording and no audio for the recorder. The actual storage duration will vary depending on the number of cameras recorded, the image quality selected, the recording speed, recording schedule, motion content of the images and the number of stored events.

500-GB HDD

CIF (ips)	Basic Days	Standard Days	High Days	Very High Days
30	96.5	48.2	32.2	24.1
20	144.7	72.3	48.2	36.2
15	192.9	96.5	64.3	48.2
5	578.7	289.4	192.9	144.7
1	2893.5	1446.8	964.5	723.4

500-GB HDD

2CIF (ips)	Basic Days	Standard Days	High Days	Very High Days
30	48.2	24.1	16.1	12.1
20	72.3	36.2	24.1	18.1
15	96.5	48.2	32.2	24.1
10	144.7	72.3	48.2	36.2
5	289.4	144.7	96.5	72.3
1	1446.8	723.4	482.3	361.7

500-GB HDD

D1 (ips)	Basic Days	Standard Days	High Days	Very High Days
15	48.2	24.1	16.1	12.1
10	72.36	36.2	24.1	18.1
5	144.7	72.3	48.2	36.2
1	723.4	361.7	241.1	180.8

Storage is for one input; divide by number of cameras used.

ACCESSORIES

LB3S DVR Lock Box, Black