>>>4-Channel, H.264,
REAL TIME D1, DIGITAL VIDEO RECORDER

4-Channel DVR

VLD4500

> 4-Channel Digital Video Recorder with 1-Channel of Audio

> H.264 Compression with Real Time 120-ips at D1 Recording

> Multiple Recording Modes: Time-lapse, Event and Pre-event

> Client-based Remote Software (CMS) Features Live Viewing and Image Search/Playback from a Remote Location

> Search Modes: Calendar, Date/Time and Event

> Event and Alarm Notifications through CMS or Email Server

> Programmable Video Motion Detection, Alarm In and Video Loss Alarm Inputs by Camera

> PTZ Camera Control Via RS-485 Connection

> IR Remote Control Included

> iPhone and Android Compatible
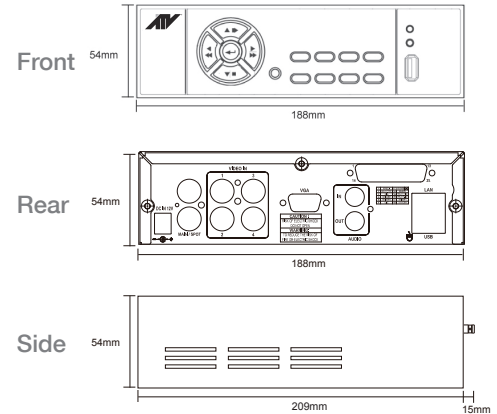
SPECIFICATIONS

	MODEL	VLD4500
V I D E O	Video Input	Composite: 4 inputs (non looping)
	Monitor Outputs	Composite: One (BNC) Main (or Spot) Video, 1Vp-p, 75-ohms
		Analog RGB: One VGA
	Display Resolution	720x480 (NTSC)
	Record Resolution	720x480, 720x240, 360x240
	Playback/Record Speed (ips)	120 D1 / 120 2CIF / 120 CIF
	Display Divisions	1, 4 (quad)
	Zoom	2X
	Quality	5 levels (Highest/High/Normal/Low/Lowest)
	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	1 line level
	Audio Output	1 line level
C O N N E C T O R S	Video Input	Composite: 4 BNC
	Video Output	n/a
	Monitor Output	Composite: 1 BNC VGA: 1 15-pin D-sub
	Audio Input	1 RCA
	Audio Output	1 RCA
	Alarm Input	4 external sensor , terminal block
	Alarm Output	1 Relay, terminal block
	Ethernet Port	RJ-45
	RS-485 Serial Port	Terminal block
	USB Port	1 front, 1 rear; v2.0
	IR Port	1 front panel, remote control
	Primary Storage	1 HDD: 500GB
G E N E R A L	Backup Storage	USB (HDD, CD-RW, Flash Drive)
	Dimensions (W x H x D)	7.4" x 2.1" x 8.2" (188mm x 54mm x 209mm)
	Unit Weight	4.4lbs (2kg)
	Shipping Weight	4.8lbs (2.2kg)
	Operating Temperature	4°F - 104°F (5°C - 40°C)
	Operating Humidity	30 - 80%RH
	Voltage	12VDC via 120VAC power adapter
	Power	50W (12VDC, 4.2A)
	Conformity Certifications	
	DVR	CE, FCC, RoHS
	Power Adapter	UL, CE, FCC, RoHS

ACCESSORY

LB3S   Recorder Lockbox, Small

DIMENSIONS

Front   54mm

188mm

Rear   54mm

188mm

Side   54mm

209mm   15mm

STORAGE DURATION

The VLD4500 is capable of recording up to 120 images per second at D1 resolution with 30-ips for each of the four channels. The tables below illustrate a typical recording duration for CIF, 2CIF and D1 record resolutions with a single video input (1 camera), with continuous video recording and no audio on a 500-GB hard disk drive. 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 Record Rate (ips)	Record Resolution and Quality Mode (CIF, 360 x 240)				
	Lowest Days	Low Days	Normal Days	High Days	Highest Days
30	494	247	123	82	62
15	988	494	247	163	123
5	2,963	1,481	741	490	370
1	14,815	7,407	3,704	2,448	1,852

500-GB HDD Record Rate (ips)	Record Resolution and Quality Mode (2-CIF, 720 x 240)				
	Lowest Days	Low Days	Normal Days	High Days	Highest Days
30	247	123	62	41	31
15	494	247	123	82	62
5	1,481	741	370	245	185
1	7,404	3.704	1,852	1,224	926

500-GB HDD Record Rate (ips)	Record Resolution and Quality Mode (D1, 720 x 480)				
	Lowest Days	Low Days	Normal Days	High Days	Highest Days
30	123	62	31	20	15
15	247	123	62	41	31
5	741	370	185	122	93
1	3,704	1,852	926	612	463

ADVANCED TECHNOLOGY VIDEO