

### TECHNICAL SPECIFICATIONS



4 Ch

**L3HVR4**

8 Ch

**L3HVR8**

16 Ch

**L3HVR16**



### Features:

- ◆ NDA Compliant
- ◆ Compatible with TVI, CVI, AHD & 960H Formats
- ◆ Up to 5 Megapixel Recording @ 7FPS, 1080p @15FPS
- ◆ Full Hybrid - All Channels Analog or IP
- ◆ Up to 8TB (4Ch) or 16TB (8 & 16Ch) Storage Capacity
- ◆ H.265 Recording Compression
- ◆ Simultaneous HDMI & VGA Outputs
- ◆ Supports P2P Operation
- ◆ Built-in Audio
- ◆ Built-in Alarm (8 & 16Ch)
- ◆ Free Liberty-View App & CMS Software
- ◆ UTC Control (Camera Dependent)
- ◆ Accepts Onvif Protocols
- ◆ Built-in Motion Detection & Privacy Mask
- ◆ Up to 16 Channel Synchronous Playback
- ◆ 3x USB for NVR Control & Copying Video
- ◆ Included Mouse
- ◆ Included Rack Ears (8 & 16Ch)



**Liberty-View**  
Free Mobile App for iPhone,  
iPad, Android™ & Android™ Tablets

*Android is a trademark of Google LLC.*



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### Learn More

**NDA Compliant**  
The L3HVR Series is Compliant with Section 889 of the National Defense Authorization Act (NDA).

**Up to 16TB Storage Capacity**  
Large Hard Disk storage capacity allows for longer storage of recorded video. 16TB Max for 8 & 16 Channel, 8TB Max for 4 Channel Models.

**UTC Control of Camera OSD**  
Up the Coax control can be used to access the OSD menu and configure cameras settings from the DVR locally or remotely.

**5-in-1 Compatibility**  
L3HVR Series is compatible with IP Cameras and the following HD Analog Camera Formats: TVI, CVI, AHD & 960H.

**Free CMS Software for PC & Mac**  
Connect to multiple DVR's from a single computer with the free Liberty CMS software. Also compatible with all Liberty L3 Series IP Cameras & NVR's.

**Additional IP Recording**  
4 Channel models can record an additional 2 IP cameras. 8 Channel models can record an additional 4 IP Cameras and 16 Channel models can record up to 8 IP cameras.

**Free Mobile Apps**  
View & Playback Video from multiple mobile devices with the Free Liberty-View mobile app.

**HDMI, VGA & BNC Monitor Outputs**  
Simultaneously display video via HDMI, VGA and BNC main monitor output.

**Full Hybrid Recorders**  
Disabling all Analog Channels allows for recording up to 6 IP Cameras on 4 Ch models, 12 IP Cameras on 8Ch models and 24 IP Cameras on 16Ch models.

**Up to 5MP Analog Recording**  
See increased detail with up to 5MP recording on all L3HVR Series recorders (4Ch-6FPS, 8/16Ch-7FPS Max). 8MP-Lite (1280x1440) recording also available (4Ch-7FPS, 8/16Ch-8FPS Max).

**P2P Operation**  
Peer to Peer function in Liberty-View app makes set up easier by bypassing the need to configure port forwarding in most routers.

**Supports DDNS**  
DDNS insures you will always stay connected to your DVR when using a Dynamic IP address.

**Remote Accessibility**  
Remotely connect, monitor, playback, record and change DVR settings via Safari, Chrome & Edge Browsers.

### Recorder Model Numbers:

4Ch & 8Ch Models Offered as Base Models with No Storage or with 2TB Built-in Drives, 16Ch Models Offered as Base Models with No Storage or with 2TB & 4TB Built-In Drives. Other Drive Configurations Require Separate Base Model Recorder & Hard Drive/s. See chart below.

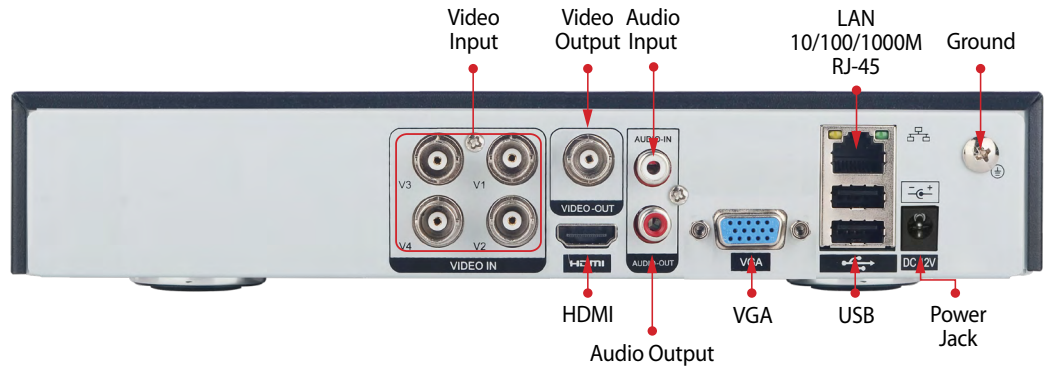
Recorder	4-Channel	8-Channel	16-Channel
Base Model / No Storage	L3HVR4	L3HVR8	L3HVR16
2TB	L3HVR42T (Built-In Drive)	L3HVR82T (Built-In Drive)	L3HVR162T (Built-In Drive)
4TB	L3HVR42T + LIBERTY-WD43PURZ	L3HVR82T + LIBERTY-WD43PURZ	L3HVR164T (Built-In Drive)
6TB	L3HVR4 + LIBERTY-WD64PURZ	L3HVR8 + LIBERTY-WD64PURZ	L3HVR16 + LIBERTY-WD64PURZ
8TB	L3HVR4 + LIBERTY-WD8001PURP	L3HVR8 + LIBERTY-WD8001PURP	L3HVR16 + LIBERTY-WD8001PURP
12TB	N/A	L3HVR8 + (2)LIBERTY-WD64PURZ	L3HVR16 + (2)LIBERTY-WD64PURZ
16TB	N/A	L3HVR8 + (2)LIBERTY-WD8001PURP	L3HVR16 + (2)LIBERTY-WD8001PURP

## TECHNICAL SPECIFICATIONS

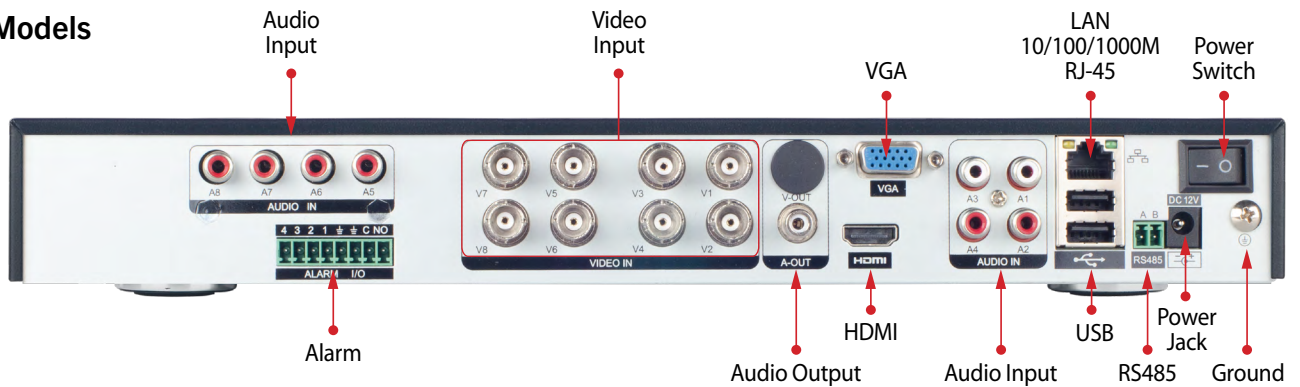


## Rear Panel Definitions / Connections

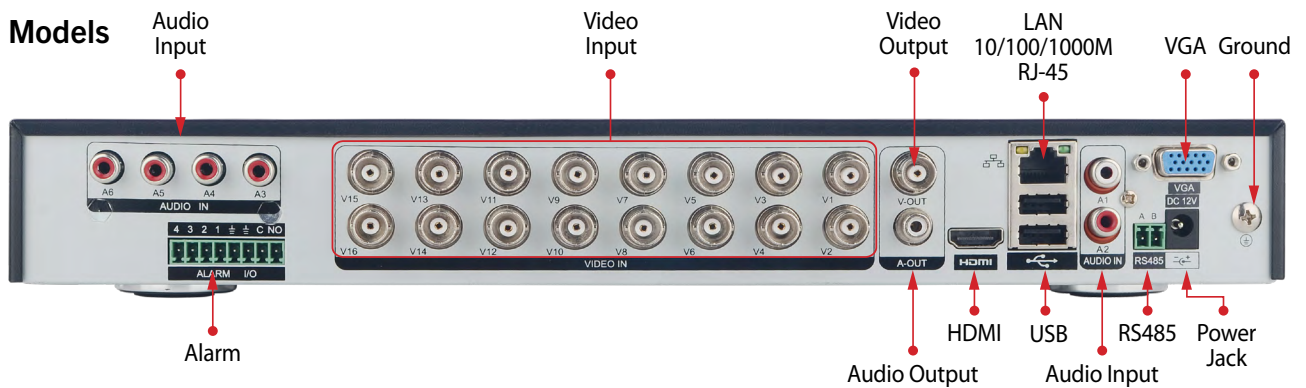
### 4 Ch. Models



### 8 Ch. Models



### 16 Ch. Models



### Included Accessories: L3HVR4

- 1x 12V/2A power adapter
- 6x Hard disk screws
- 1x Quick start guide
- 1x USB mouse

### Included Accessories: L3HVR8, L3HVR16

- 1x 1.2m power cord
- 1x 12V / 4A Power Adapter
- 2x Female terminal block
- 10x Hard disk screws
- 1x Quick start guide
- 1x USB Mouse
- 2x Rack ears w/ hardware



### L3HVR Series Specifications:

	FEATURES	L3HVR4	L3HVR8	L3HVR16
Video/Audio Input	Video Compression	H.265+, H.265, H.264+, H.264		
	Analog Video Input	4-Channel	8-Channel	16-Channel
		BNC Interface (1.0Vp-p, 75Ω)		
	TVI/CVI/AHD/Formats	8MP(Lite) / 5MP / 4MP / 3MP / 1080p / 720p		
	960H Format	PAL / NTSC		
	IP Cameras Network connection only	Supports L3IP Camera Analytics (Perimeter, Single Virtual Fence, Double Virtual Fences, Multi Loitering, Wrong Way, People Counting, Smart Motion)		
	Audio Compression	G.711A		
Audio Input	1-Ch. RCA Input	8-Ch RCA Inputs	6-Ch RCA Inputs	
Video/Audio Output	BNC Output	1x CVBS 640x480 Max	N/A	1x CVBS 640x480 Max
	HDMI Output	1x HDMI 3840x2160, 1920x1080, 1280x1024, 1024x768		
	VGA Output	1x VGA 1920x1080, 1280x1024, 1024x768		
	Frame Rate	4Ch Main stream: 7fps@8MP Lite, 6fps@5MP, 7fps@4MP, 15fps@1080p, 30fps@720p&960H	8Ch/16Ch Main stream: 8fps@8MP Lite, 7fps@5MP, 8fps@4MP, 15fps@1080p, 30fps@720p&960H	
		Sub Stream: 15FPS @ 704x480, 640x360, 480x270, 352x288		
	Record Resolution	960x576(960H), 1280x720(720p), 1920x1080(1080p), 2560x1440(4MP), 2560x1920(5MP), 1280x1440(8MP-Lite)		
	Video Bit Rate	Main Stream: 126Kbps ~ 4096kbps / Sub Stream: 16Kbps ~ 1024kbps		
	Audio Output	1-Channel RCA Output		
	Audio Bit Rate	128kbps		
	Dual Stream	Yes - Supports		
	Stream Type	Video / (Audio Recording Stream Enabled via Record Setup)		
	Synchronous Playback	4 Channel	8 Channel	16 Channel
	Multi Screen Viewing	1, 4, 6	1, 4, 8, 12	1, 4, 8, 9, 16, 24, 25
Network	Remote Connections	Up to 4 Simultaneous Connections		
	Network Protocols	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP		
Hard Disk	SATA	1 x SATA ( 8TB Max Drive Size)	2 x SATA ( 8TB Max Drive Size)	
	Capacity	Up to 8TB	Up to 16TB	
Ext. Interface	Network Interface	1 RJ-45 port (10/100Mbps)		
	USB Interface	USB x 2 (Front & Rear)		
	Serial Interface	N/A	1 x RS485	
	Alarm In/Out	N/A	4 In / 1 Out	
	Mobile App	Free Liberty-View Mobile App		
General	Power Supply	DC 12Volt, 2Amp	DC 12Volt, 4Amp	
	Consumption (no drives)	Max 5W	Max 10.5W	
	Operating Temp	-10 °C ~ 50 °C (14 °F ~ 122 °F)		
	Operating Humidity	Less than 90% RH		
	Dimensions (L x W x H)	2.1"x 9.6"x 1.7" (255 x 244 x 44mm)	13.8" 12" x 1.9" (350 x 305 x49mm)	
	Certifications	CE / FCC		
	Chassis	Non Rack Mount	1U Rack Mountable	
	Weight (no drives)	1.9lb, 900g	3.9lb, 1.8kg	5.5lb, 2.5kg