

TECHNICAL SPECIFICATIONS



4 Ch with 4 PoE

L3NVR4POE

8 Ch with 8 PoE

L3NVR8POE

16 Ch with 16 PoE

L3NVR16POE

32 Ch with 16 PoE

L3NVR3216POE

4
8
16
32



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



Plug and Play!
Plug & Play with Liberty IP Cameras!
Cameras Sold Separately

FEATURES:

- ◆ NDAA Compliant
 - ◆ Supports AI Face, Body & Vehicle Recognition*
 - ◆ Plug & Play with Liberty L3 Series Cameras
 - ◆ Up to 8 Megapixel Recording (4, 8, 16Ch)
 - ◆ Up to 12 Megapixel Recording (32 Ch)
 - ◆ Real-Time 30FPS Recording
 - ◆ Up to 12TB /24TB Storage Capacity (4Ch/8, 16Ch)
 - ◆ Up to 48TB Storage Capacity (32 Ch)
 - ◆ Integrated 40W/120W/120W POE Switch (4, 8, 16Ch)
 - ◆ Integrated 140 Watt PoE Switch (32 Ch)
 - ◆ H.265 Recording Compression
 - ◆ Simultaneous HDMI & VGA Outputs (4 Ch)
 - ◆ Independent HDMI & VGA Outputs (8, 16, 32Ch)
 - ◆ Supports P2P Operation
 - ◆ Built-in Audio & Alarm - Supports 2-Way Audio
 - ◆ Free Liberty-View App & CMS Software
 - ◆ 7 Intelligent Analytics
 - ◆ Accepts Onvif Protocols
 - ◆ Built-in Motion Detection & Privacy Mask
 - ◆ Up to 16 Channel Synchronous Playback
 - ◆ 3x USB for NVR Control & Copying Video
 - ◆ Include Mouse for NVR Control
 - ◆ Included Rack Ears (8, 16, 32Ch)
- * For use with Liberty L3 Series AI IP Cameras

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Learn More

NDAA Compliant

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

AI Face, Body & Vehicle Recognition

Powerful AI algorithm automatically identifies face, body and vehicles, can create databases of targets for easy searching and combined with Smart Motion drastically reduces false motion alerts.

Free Mobile Apps

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

Up to 12MP Analog Recording

See increased detail with up to 12MP recording 32ch Models, 8MP Resolution on 4, 8, 16 Ch Models.

Real Time 1080p Recording

All Models record up to 30FPS per Channel.

Up to 48TB Storage Capacity

Large Hard Disk storage capacity allows for longer storage of recorded video. 48TB Max for 32 Ch, 24TB Max for 8,16 Ch, 12TB Max for 4 Ch Models.

Free CMS Software for PC & Mac

Connect to multiple NVR's from a single computer with the free Liberty CMS software. CMS also compatible with all Liberty L3 Series IP Cameras & HVR's.

Built in POE Switch

4Ch/40W, 8 & 16Ch/120W & 32Ch/140W POE Switch for connecting and powering cameras directly from the NVR using only a single Category 5/6 cable.

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.

Remote Accessibility

Remotely connect, monitor, playback, record and change NVR settings via IE & Chrome browsers.

Plug & Play

The L3NVR Series will plug and play with all Liberty Series IP Cameras. Plug & Play automatically finds and configures L3 Series cameras.

Supports DDNS

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

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.

Included Accessories: L3HVR4

- 1x 48V/1250mA power adapter
- 2x Female terminal block
- 1x 1.5m power cord
- 6x Hard disk screws
- 1x Quick start guide
- 4x Foot pad φ20×3mm
- 1x USB mouse

Included Accessories: L3NVR8POE/16POE

- 1x 1.5m power cord
- 2x Female terminal block
- 12x Hard disk screws
- 1x Quick start guide
- 4x Foot pad φ20×3mm
- 1x USB Mouse
- 2x Rack ears w/ hardware

Included Accessories: L3NVR3216POE

- 1x 1.5m power cord
- 2x Female terminal block
- 24x Hard disk screws
- 1x Quick start guide
- 4x Foot pad φ20×3mm
- 1x USB mouse
- 2x Rack ears w/ hardware

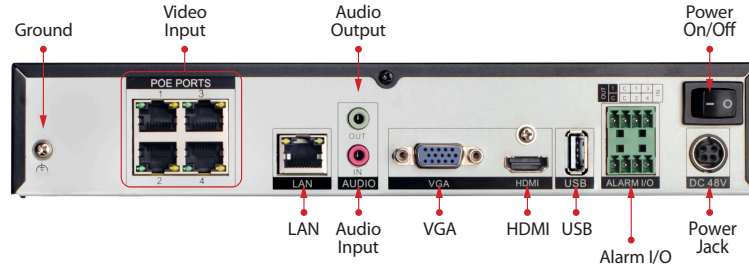
Recorder	4-Channel	8-Channel	16-Channel	32-Channel
Base Model / No Storage	L3NVR4POE	L3NVR8POE	L3NVR16POE	L3NVR3216POE
2TB	L3NVR4POE2T - (Built in Drive)	L3NVR8POE2T - (Built in Drive)	L3NVR16POE2T - (Built in Drive)	L3NVR3216POE + LIBERTY-WD23PURZ
4TB	L3NVR4POE + LIBERTY-WD43PURZ	L3NVR8POE + LIBERTY-WD43PURZ	L3NVR16POE4T - (Built in Drive)	L3NVR3216POE + LIBERTY-WD43PURZ
6TB	L3NVR4POE + LIBERTY-WD64PURZ	L3NVR8POE + LIBERTY-WD64PURZ	L3NVR16POE + LIBERTY-WD64PURZ	L3NVR3216POE + LIBERTY-WD64PURZ
8TB	L3NVR4POE + LIBERTY-WD8001PURZ	L3NVR8POE + LIBERTY-WD8001PURZ	L3NVR16POE + LIBERTY-WD8001PURZ	L3NVR3216POE + LIBERTY-WD8001PURZ
10TB	L3NVR4POE + LIBERTY-WD101PURZ	L3NVR8POE + LIBERTY-WD101PURZ	L3NVR16POE + LIBERTY-WD101PURZ	L3NVR3216POE + LIBERTY-WD101PURZ
12TB	L3NVR4POE + LIBERTY-WD121PURZ	L3NVR8POE + LIBERTY-WD121PURZ	L3NVR16POE + LIBERTY-WD121PURZ	L3NVR3216POE + LIBERTY-WD121PURZ
16TB	N/A	L3NVR8POE + (2)LIBERTY-WD8001PURZ	L3NVR16POE + (2)LIBERTY-WD8001PURZ	L3NVR3216POE + (2)LIBERTY-WD8001PURZ
20TB	N/A	L3NVR8POE + (2)LIBERTY-WD101PURZ	L3NVR16POE + (2)LIBERTY-WD101PURZ	L3NVR3216POE + (2)LIBERTY-WD101PURZ
24TB	N/A	L3NVR8POE + (2)LIBERTY-WD121PURZ	L3NVR16POE + (2)LIBERTY-WD121PURZ	L3NVR3216POE + (2)LIBERTY-WD121PURZ
36TB	N/A	N/A	N/A	L3NVR3216POE + (3)LIBERTY-WD121PURZ
48TB	N/A	N/A	N/A	L3NVR3216POE + (4)LIBERTY-WD121PURZ

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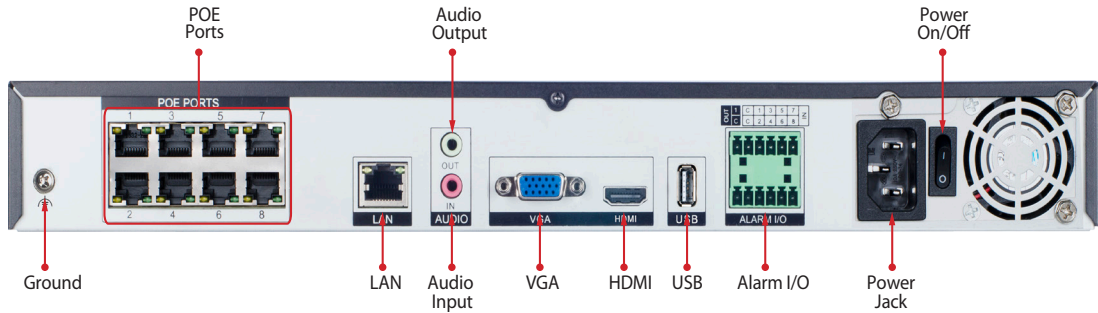


Rear Panel Definitions / Connections

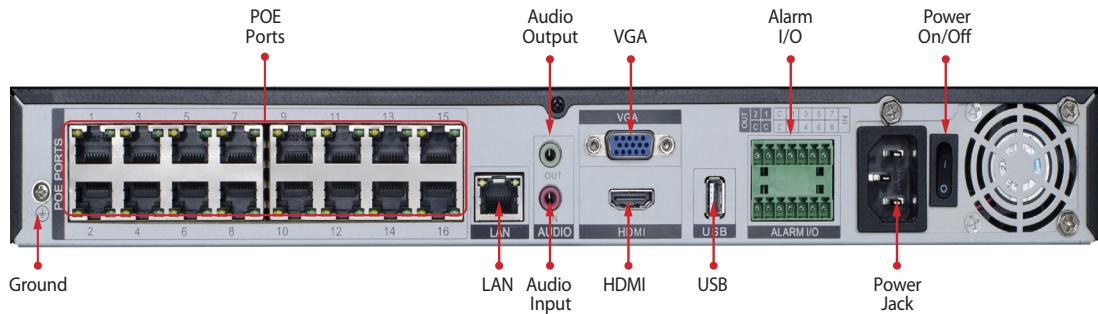
4 Ch. Models



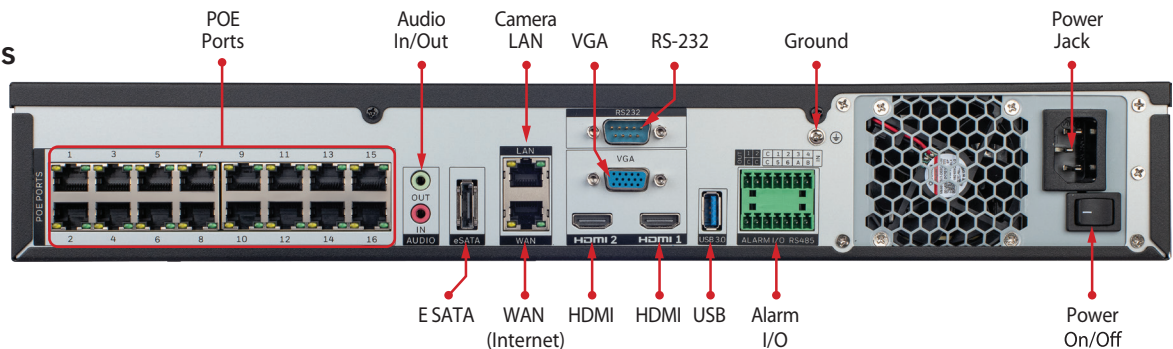
8 Ch. Models



16 Ch. Models



32 Ch. Models



Specifications Subject To Change • Re 01/05/24

TECHNICAL SPECIFICATIONS



L3NVRPOE Series Specifications:

	FEATURES	L3NVR4POE	L3NVR8POE	L3NVR16POE	L3NVR3216POE
Video/Audio Input	IP Video Channel	4-Channel	8-Channel	16-Channel	32-Channel
	Two-Way Audio Input	3.5mm Audio Jack			
	NTSC / PAL	Yes			
	Plug & Play Models	All L3 Series 4MP & 8MP IP Cameras: L3IP4BS, L3IP4DS, L3IP4DS4, L3IP4TS, L3IP4TS4, L3IP4VFD, L3IP4VFD4, L3IP4PTZ30XS, L3IP4TFCS, L3IP8BS, L3IP8DS, L3IP8DS4, L3IP8TS, L3IP8TS4, L3IP8WS, L3IP8VFD, L3IP8VFD4, L3IP8TFCS			
Network	Incoming Bandwidth	40 Mbps	80 Mbps	160 Mbps	320 Mbps
	Outgoing Bandwidth	40 Mbps	80 Mbps	160 Mbps	320 Mbps
	Remote Connection	Up to 8 Users			
Video/Audio Output	Recording Resolution	12MP (32ch Only), 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 720p / D-1			
	Frame Rate	12MP @ 20fps (32ch Only), 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 720p / D-1 @ 30fps			
	HDMI Output Resolution	HDMI 1 – 3840 x 2160, 1920 x 1080, 1280 x 1024, 1024 x 768 / HDMI 2 (32 Ch Only) – 1920 x 1080, 1280 x 1024, 1024 x 768			
	VGA Output Resolution	1920 x 1080, 1280 x 1024, 1024 x 768			
	Audio Output	3.5mm Audio Jack - For Two-Way Audio Only			
Decoding	Live / Playback Resolution	12MP (32ch Only) / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 720p / D-1			
	Playback Capability	1Ch-8MP / 4Ch-1080P@30fps	1Ch-8MP / 4Ch- 1080P / 8Ch-D1@30fps	1Ch-8MP / 4Ch- 1080P / 9Ch-D1 / 16ch D1@30fps	1Ch-12MP@20FPS / 4CH-4MP / 9CH-D1 / 16CH-D1@30FPS
Recording & Playback	Compression	H.265 , H.265+, H.264, H.264+			
	Record Mode Types	Manual, Schedule (Regular, Continuous), Motion Detection, Alarm In			
	Bit Rate (Per Channel)	100Kbps ~ 6144kbps			100Kbps ~ 8000Kbps
	Pre & Post Recording	Auto Pre Recording based on # of Cameras Connected / Post Record (30 sec ~ 60 sec adjustable)			
	Redundant Recording	N/A			Requires 4x HDD
	Recording Parameters	Independent for Each Channel (Resolution, Frame Rate, Bit Rate, etc.)			
	Zooming	Yes - Digital Zoom Available in Live View & Playback			
	Synchronous Playback	Up to 4Ch	Up to 8Ch	Up to 16Ch	
	Playback Controls	Play, Pause, Stop, Rewind, Fast Play, Slow, FW 30s, BW 30s			
	Searching	Time / Date, Alarm, Picture Grid, Event			
	AI Recognition	* Face, Body & Vehicle Recognition for use with Liberty L3 Series IP Cameras			
	Intelligent Analytic Features	Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Loitering, Wrong Way, People Counting, Smart Motion			
Hard Disk	SATA	1x	2x	4x	
	Capacity	Up to 12TB			
	Max Storage	12TB	24TB		48TB
	RAID	N/A			RAID 5,6,10
	eSATA	N/A			Yes
	HDD Detection	Built-IN SMART Detection			
External interface	Network Interface Port	1 x RJ-45 (10/100Mbps)	1 x RJ-45 (10/100/1000Mbps)	1 x RJ-45 (10/100/1000Mbps)	2 x RJ-45 (10/100/1000Mbps) WAN-Internet / LAN-Camera
	USB Interface	3x USB 2.0			1 x USB 3.0, 2 x USB 2.0
	Alarm In/Out	4/1	8/1	8/2	6/2
	CMS Software	Included Liberty-View CMS			
PoE	Network Interface Port	4Ch 100Mbps	8Ch 100Mbps	16Ch 100Mbps	
	Maximum Power	40W	120W		140W
	Supported Standard	IEEE 802.3af			
General	Power Supply	DC48V/1.25A	AC100~240		
	Consumption (no HDD)	< 5W			< 15W
	Operating Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)			
	Operating Humidity	Less than 90% RH			
	Chassis	No Rack Mount	1U Rack Mount		1.5U Rack Mount
	Dimensions	255x235x47.5mm	372x310.5x46.5mm		440x368.3x70mm
	Weight (no HDD)	1.98lb / 0.9kg	4.6lb / 2.1kg	6.05lb / 2.75kg	10.25lb / 4.65kg