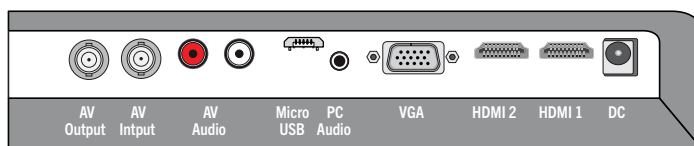




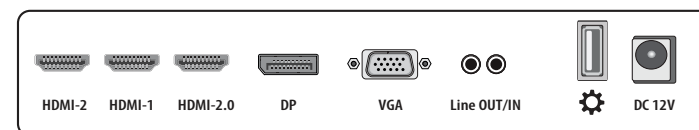
Monitor Models	LSM17ST	LSM18	LSM22R	LSM24R	LSM32R	LSM4K28
Screen Size	17"	18.5"	21.5"	23.6"	32"	28"
Aspect Ratio	5:4	16:9	16:9	16:9	16:9	16:9
Max Resolution	1080p (Upscaled)	1080p (Upscaled)	1080p	1080p	1080p	4K
Pixels	1280 x 1024	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
Remote Control	No	No	Yes	Yes	Yes	Yes
Video Inputs	2x HDMI, VGA, BNC In/Out					3x HDMI, VGA, DP
Audio Inputs	PC Audio(3.5mm), Stereo RCA					PC Audio(3.5mm)
Viewing Angle	178°/178°	170°/160°	170°/160°	178°/178°	178°/178°	160°/170°
Brightness	300 cd/m2	250 cd/m2	280 cd/m2	280 cd/m2	300 cd/m2	300 cd/m2
Contrast	1000:1	2000:1	1000:1	1000:1	1400:1	1000:1
Response Time	5ms	5ms	5ms	5ms	6.5ms	5ms
Vesa Mounting	75 x 75	100 x 100	100 x 100	100 x 100	200 x 100	100 x 100
Weight (with stand)	6.56lb	6.081lb	7.78lb	8.39lb	14.74 lb	11.2lb
H x W x D (with stand)	15.2" x 15.1" x 6.5"	17.8" x 13.4" x 7.3"	20.2" x 15.4" x 6.5"	22.2" x 16.5" x 6.5"	28.7" x 19.6" x 7.7"	26.1" x 17.8" x 6.9"

### REAR PANEL CONNECTIONS:

#### LSM17ST, LSM18, LSM22R, LSM24R & LSM32R

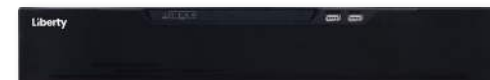
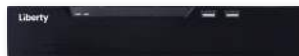


#### LSM4K28





# L3 Series AI Network Video Recorders with POE



L3 NVR Series Models	L3NVR4POE	L3NVR8POE	L3NVR16POE	L3NVR3216POE
Maximum IP Cameras	4-Channel	8-Channel	16-Channel	32-Channel
Built-In POE Channels	4	8	16	16
Max Record Resolution	12MP (32ch Only), 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 720p / D-1			
Playback	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
AI & Intelligent Analytics	Supports AI Face, Body & Vehicle Recognition* , Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Loitering, Wrong Way, People Counting, Smart Motion			
Plug & Play Models	All L3 Series 4MP & 8MP IP Cameras: L3IP4BS, L3IP4DS, L3IP4DS4, L3IP4TS, L3IP4TS4, L3IP4VFDs, L3IP4VFBS, L3IP4PTZ30XS, L3IP4TFCS, L3IP8BS, L3IP8DS, L3IP8DS4, L3IP8TS, L3IP8TS4, L3IP8WS, L3IP8VFDs, L3IP8VFBS, L3IP8TFCS			
Incoming Bandwidth	40 Mbps	80 Mbps	160 Mbps	320 Mbps
Drive Bays	1	2	2	4
Max Storage	12TB	24TB	24TB	48TB
POE Power	40W	120W		140W
Record Modes	Manual, Schedule (Regular, Continuous), Motion Detection, Alarm In			
Power Supply	DC48V/1.25A	AC100~240		
Multiple Outputs	Simultaneous HDMI & VGA Outputs	Independent HDMI & VGA Outputs		
Rack Mounting	No Rack Mounting	1U Rack Mounting		1.5U Rack Mounting
Audio	3.5mm Audio Jack			
Free Mobile App	Free Liberty-View App			
Free Software	Free Liberty-View CMS Software			

\* For use with Liberty L3 Series AI IP Cameras





## L3 Series AI 4MP IP Cameras

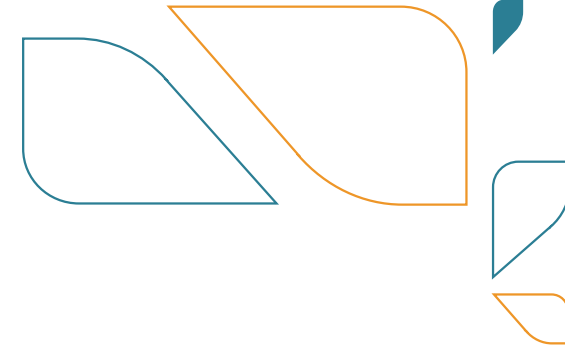


L3 Series IP Camera Models	L3IP4BS	L3IP4DS / L3IP4DS4	L3IP4TS / L3IP4TS4	L3IP4VFDS	L3IP4VFBS	L3IP4PTZ30XS	L3IP4TFCs
Max Resolution	4 MP (2592 x 1520)						(4MP) 2560 x 1440
POE	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3bt	IEEE 802.3af
AI Features	Supports AI Face, Body & Vehicle Recognition*						
Wide Dynamic Range	Yes True 120dB Wide Dynamic Range						
Frame Rate	2592 x 1520 @ 30FPS						2560 x 1440 @ 30FPS
Lens Size	2.8mm	2.8mm/4mm	2.8mm/4mm	Autofocus 2.7-13.5mm	Autofocus 2.7-13.5mm	30X Optical (5.3 ~ 159mm)	2.8mm
Smart Analytics	Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Loitering, Wrong Way, People Counting, Smart Motion						
LED Distance	100' IR	100' IR	100' IR	120' IR	120' IR	600' IR	100' White Light
Audio	Audio Line In/out		Built in Mic	Audio Line In/out			Built in Mic
SD Card Slot	Yes, Supports 256GB Max						
True D/N - IR Lens	Yes						
Triple Streams	Yes						
Compatibility	ONVIF Profile S/G/T Compliant						
Power Consumption	8W Max	8W Max	8W Max	8.5W Max	8W Max	44W Max	6W Max
Weatherproof Rating	IP67	IP67/IK10	IP66	IP66/IK10	IP67	IP66	IP66
Free Mobile App	Liberty-View Mobile App for iPhone, iPad, Adroid & Android Tablets						
Free Software	Liberty CMS, Utility Tool						

\* For use with Liberty L3 Series AI NVRs



## L3 Series AI 8MP IP Cameras



L3 Series IP Camera Models	L3IP8BS	L3IP8DS / L3IP8DS4	L3IP8TS / L3IP8TS4	L3IP8WS	L3IP8VFDS	L3IP8VFB	L3IP8TFC
Max Resolution	8 MP (3840 x 2160)						
POE	POE (IEEE 802.3af)						
AI Features	Supports AI Face, Body & Vehicle Recognition*						
Wide Dynamic Range	Yes True 120dB Wide Dynamic Range						
Frame Rate	3840 x 2160 @ 30FPS						1920x1080 @ 30FPS
Lens Size	2.8mm	2.8mm/4mm	2.8mm/4mm	2.8mm	Autofocus 2.7-13.5mm	Autofocus 2.7-13.5mm	2.8mm
Smart Analytics	Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Loitering, Wrong Way, People Counting, Smart Motion						
LED Distance	100' IR	100' IR	100' IR	45' IR	120' IR	120' IR	100' White Light
Audio	Audio Line In/out		Built in Mic		Audio Line In/out		Built in Mic
SD Card Slot	Yes, Supports 256GB Max						
True D/N - IR Lens	Yes						
Triple Streams	Yes						
Compatibility	ONVIF Profile S/G/T Compliant						
Power Consumption	8W Max	8W Max	8W Max	6W Max	8W Max	8W Max	> 40W Max
Weatherproof Rating	IP67	IP67/IK10	IP66	IP66	IP66/IK10	IP67	IP66
Free Mobile App	Liberty-View Mobile App for iPhone, iPad, Adroid & Android Tablets						
Free Software	Liberty CMS, Utility Tool						

\* For use with Liberty L3 Series AI NVRs



L3 HVR Series Models	L3HVR4	L3HVR8	L3HVR16
Analog Camera Inputs	4 Ch.	8 Ch.	16 Ch.
Additional IP Camera Channels	+2	+4	+8
Video Output	Simultaneous VGA & HDMI Main Monitor Outputs		
Record Resolution	960x576(960H), 1280x720(720p), 1920x1080(1080p), 2560x1440(4MP), 2560x1920(5MP), 1280x1440(8MP-Lite)		
Record Frame Rate	7fps@8MP Lite, 6fps@5MP, 7fps@4MP, 15fps@1080p, 30fps@720p&960H	8fps@8MP Lite, 7fps@5MP, 8fps@4MP, 15fps@1080p, 30fps@720p&960H	
Total IP Channel w/ Analog Disable	6	12	24
IP Record Resolution	8MP / Bit rate max 2048		
Record Modes	Manual, Schedule (Regular, Continuous), Motion Detection, Alarm In		
Audio Input (RCA)	1	8	6
Audio Output	1-Channel RCA Output		
Max Storage Size	8TB	16TB	16TB
Rack Mounting	N/A	1U Rack Mounting	
Free Mobile App	Liberty-View Mobile App for iPhone, iPad, Adroid & Android Tablets		
Software Included	Liberty CMS, Utility Tool		



4-in-1 HD Camera Models	LA5BIR80	LA5TIR100	LA5TIR80	LA5VFBIR120	LA5VFDIR100	LA5VFDIR100IN	LA5TFC100	LA5BFC60	LA5PTZ33X
Max Resolution	5 MP (2560×1944)								5MP (2560×1920)
Multiple Formats	TVI, CVI, AHD & 960H Selectable								
Video Output	Single BNC Output for TVI, CVI, AHD & 960H								
Lens Size	2.8mm	2.8mm	2.8mm	2.7~13.5mm	2.7~13.5mm	2.7~13.5mm	2.8mm	2.8mm	4.6 ~ 152mm
True Wide Dynamic Range	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	Digital WDR
LED Count	24 IR LED	3 IR LED	2 IR LED	4 IR LED	4 IR LED	4 IR LED	3 White Light	2 White Light	12 IR LED
LED Range	80'	100'	80'	120'	100'	100'	100'	60'	450'
True D/N IR Corrective	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UTC Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Cable Mount								N/A
Power Requirement	4W Max	5W Max	4.5W Max	5.5W Max	6.5W Max	6.5W Max	5W Max	6W Max	35W Max
Housing Color	White	White	White	White	White	White	White	White	White & Black
Temp Rating	-14°F ~ 131°F	14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-40°F ~ 140 °F
Weatherproof Rating	IP67	IP66	IP66	IP67	IP66/IK10	Indoor Only	IP66	IP66	IP66



L3 Series IP Kit Models	L3NVR4KIT4C	L3NVR8KIT6C
Cameras Included	4	6
NVR Max IP Channels	4-Channel	8-Channel
NVR Storage	2 Terabyte Built-in Storage	
NVR Compression	H.265 & H.264 Compression Formats	
NVR Record Modes	Manual, Schedule (Regular, Continuous), Motion Detection, Alarm In	
NVR Power Supply	External 48 Volt DC	Internal 120-240 Volt AC
NVR Audio	3.5mm In/Out for 2-Way Audio	
Incoming Bandwidth	40Mbps	80Mbps
Camera Resolution	4 Megapixel (2560x1440)	
Camera Lens	2.8mm Fixed Focal IR Lens	
Camera Audio	Built-in Microphone	
Camera IR LED Range	2 High power IR LED's / 100' IR Range	
Weatherproof Rating	IP66	
Free Mobile App	Liberty-View Mobile App for iPhone, iPad, Adroid & Android Tablets	
Free Software	Liberty CMS, Utility Tool	
Optional Accessories & Cameras		
18" Security Monitor	LSM4K28 — 3840 x 2160 , 3x HDMI, VGA, Display Port, IR Remote	
24" Security Monitor	LSM24R — 1080p, HDMI/VGA/BNC inputs, IR Remote	
32" Security Monitor	LSM32R — 1080p, HDMI/VGA/BNC inputs, IR Remote	
4MP or 8MP Autofocus IP Bullet	L3IP4VFBS / L3IP8VFBS — 2.7-13.5mm, 120' IR	
4MP or 8MP Autofocus IP Dome	L3IP4VFDS / L3IP8VFDS — 2.7-13.5mm, 120' IR	
4MP or 8MP Fixed Lens Bullet	L3IP4BS / L3IP8BS — 2.8mm Bullet, 100' IR	
4MP or 8MP Fixed Lens Turret	L3IP4TS / L3IP8TS — 2.8mm Turret, 100' IR   L3IP4TS4 / L3IP8TS4 — 4mm Turret, 100' IR	
8MP Fixed Lens Wedge	L3IP8WS — 2.8mm Wedge, 45' IR	
4MP or 8MP Fixed Lens Dome	L3IP4DS/L3IP8DS — 2.8mm Dome, 100' IR   L3IP4DS4/L3IP8DS4 — 4mm Dome, 100' IR	
Full Color 4MP/8MP Fixed Lens Turret	L3IP4TFCS / L3IP8TFCS — 2.8mm Turret, 100' White LED	



Liberty's L3 Mounting accessories include a Hinged Wall Mount, Pendant Mount, Junction Boxes & Pendant Caps to make installation easier and cameras more aesthetically pleasing. Chart below shows accessories needed for different mounting applications.



L3HWM1



L3CPM1



L3POLEMT2



L3JB1 ~ L3JB6



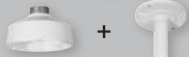












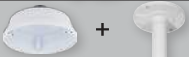








L3PC2 ~ L3PC6

Supported Camera Models	Mount Type	Required Accessories	Mounting Accessory Photos
L3IP4BS, L3IP4VFB, L3IP8BS, L3IP8VFB, LA5BIR80, LA5BVFIR120, LA5BFC60	Junction Box	L3JB1 Junc. Box	
	Pole	L3JB1 + L3POLEMT2 Junc. Box + Pole Mount	
L3IP4DS, L3IP4DS4, L3IP8DS, L3IP8DS4	Junction Box	L3JB2 Junc. Box	
	Pendent	L3PC2 + L3CPM1 Pend. Cap + Pend. Mount	
	Wall	L3PC2 + L3HWM1 Pend. Cap + Wall Mount	
	Pole	L3PC2 + L3HWM1 + L3POLEMT2 Pend. Cap + Wall Mount + Pole Mount	
L3IP4TS, L3IP4TS4, L3IP4TFCS, L3IP8TS, L3IP8TS4, LA5TIR80, LA5TIR100, LA5TFC100	Junction Box	L3JB3 Junc. Box	
	Pendent	L3PC3 + L3CPM1 Pend. Cap + Pend. Mount	
	Wall	L3PC3 + L3HWM1 Pend. Cap + Wall Mount	
	Pole	L3PC3 + L3HWM1 + L3POLEMT2 Pend. Cap + Wall Mount + Pole Mount	





Supported Camera Models		Mount Type	Required Accessories	Mounting Accessory Photos
L3IP4TS, L3IP4TS4, L3IP4TFCS, L3IP8TS, L3IP8TS4, LA5TIR80, LA5TIR100, LA5TFC100		Junction Box	L3JB3 Junc. Box	
		Pendent	L3PC2 + L3CPM1 Junc. Box + Pendent Mount	
		Wall	L3PC2 + L3HWM1 Junc. Box + Wall Mount	
		Pole	L3PC2 + L3HWM1 + L3POLEMT2 Junc. Box + Wall Mount + Pole Mount	
L3IP4BS, L3IP4VFBS, L3IP8BS, L3IP8VFBS, LA5BIR80, LA5BVFIR120, LA5BFC60		Junction Box	L3JB1 Junc. Box	
		Pole	L3JB1 + L3POLEMT2 Junc. Box + Pole Mount	
L3IP4VFDS, L3IP8VFDS, LA5VFDIR100, LA5VFDIR100IN		Junction Box	L3JB5 Junc. Box	
		Pendent	L3PC5 + L3CPM1 Junc. Box + Pendent Mount	
		Wall	L3PC5 + L3HWM1 Junc. Box + Wall Mount	
		Pole	L3PC5 + L3HWM1 + L3POLEMT2 Junc. Box + Wall Mount + Pole Mount	
L3IP8TFCS		Junction Box	L3JB6 Junc. Box	
		Pendent	L3PC6 + L3CPM1 Junc. Box + Pendent Mount	
		Wall	L3PC6 + L3HWM1 Junc. Box + Wall Mount	
		Pole	L3PC6 + L3HWM1 + L3POLEMT2 Junc. Box + Wall Mount + Pole Mount	
L3IP8WS		Junction Box	L3JB4 Junc. Box	
		Pendent	L3PC4 + L3CPM1 Junc. Box + Pendent Mount	
		Wall	L3PC4 + L3HWM1 Junc. Box + Wall Mount	
		Pole	L3PC4 + L3HWM1 + L3POLEMT2 Junc. Box + Wall Mount + Pole Mount	