

L3 Series AI 12MP IP Outdoor Fisheye Camera

1.8mm, 360°, 50' IR, IP66, PoE



L3IP12FE360S



L3IP12FE360S

FEATURES:

- ◆ NDAA Compliant
- ◆ Supports AI Face, Body & Vehicle Recognition*
- ◆ 12MP Resolution (4000×3000)
- ◆ Fisheye, Panorama & PTZ Modes
- ◆ Ceiling, Wall & Table Mounting
- ◆ 1.8mm 360° IR Lens / 6 IR LED - 50' IR Range
- ◆ 7 Intelligent Analytics
- ◆ Built in Microphone & Alarm
- ◆ 256GB SD Card Capability
- ◆ H.265 Recording Compression
- ◆ PoE - Power over Ethernet
- ◆ Onvif Profile S/G/T Compliant
- ◆ IP66 Weatherproof

*For use with Liberty L3 Series NVRs

INCLUDED ACCESSORIES:

Item	Qty
Quick start guide	1
Screwdriver	1
Mounting inserts and screws	3
Mounting template	1
Network cable cover w/gasket	1
4-pin Terminal block	1
Spare housing & Spare bracket screw	1

	FEATURES	L3IP12FE360S	
Camera	Image Sensor	1/1.7" Progressive Scan CMOS	
	Minimum Illumination	Color: 0.01 Lux @ (F2.4, AGC ON) , B/W: 0 Lux with IR	
	S/N Ratio	55dB	
	IR LED Count / Range / Nanometer	6 IR LEDs / 50' Range / 850nm	
	Shutter Time	Auto/Manual, 1/5 to 1/20,000s	
	Lens (IR Corrective)	Fixed 1.8mm, F2.4 - Angle of View 360°	
	Day & Night	Yes - True Day/Night with IR Filter - Auto Switch	
	DNR (Digital Noise Reduction)	2DNR & 3DNR, Auto / Manual (0-100 Adjustable)	
	Digital Wide Dynamic Range	Yes	
	BLC (Backlight Compensation)	On / Off (0-100 Adjustable)	
	AI Recognition	* Face, Body & Vehicle Recognition for use with Liberty L3 Series NVRs	
	Intelligent Analytic Features	Perimeter, Single Virtual Fence, Double Virtual Fence, Multi Loitering, Wrong Way, People Counting, Smart Motion	
	Region of Interest	Yes (Single-channel and fisheye mode)	
	Video Compression	H.265, H.264, (for all stream types)	
Audio Compression	G.711A, G.711U, RAW_PCM		
General Functions	Supports Smart IR, Password Protection, Privacy Mask, Motion Detection		
Resolution / Bitrate	Max. Resolution	4000(H) × 3000(V)	
	Streaming Capability	Dual Streams	
	Mainstream Resolution @25fps	Fisheye View:	4000×3000, 3000×3000, 2560×2560, 1280×960
		180° Panorama View:	3000×752, 2560×640, 1920×480, 1280×960
		360° Panorama View:	4000×2000, 2560×1280, 1920×960, 1280×960
		4PTZ View:	4000×3000, 2048×1536, 1920×1440, 1280×960
		Fisheye + 3PTZ View:	4000×3000, 2048×1536, 1920×1440, 1280×960
	Multi-Channel:	1520×1520, 1280×960, 960×960, 720×720, 640×640	
	Substream Resolution @25fps	Fisheye View:	D1, 640×640, 480×480
		180° Panorama View:	832×208, D1
360° Panorama View:		640×320, D1	
4PTZ View:		640×480, D1, 320×240	
Fisheye + 3PTZ View:		640×480, D1, 320×240	
Multi-Channel:	D1, 640×640		
Audio Bitrate	64Kbps (G.711), 128Kbps (RAW_PCM)		
Video Bitrate	One-Channel:	Stream1: 500Kbps to 16Mbps, Stream2: 100Kbps to 6Mbps	
	Multi-Channel:	Stream1: 500Kbps to 12Mbps, Stream2: 100Kbps to 6Mbps	
Network	Protocols	IPv4/IPv6, TCP/IP, HTTP, HTTPS, UPnP, UDP/IP, RTSP/RTCP/RTP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1x, UDP, ICMP, ARP, TLS	
	Users	10 Users	
	Client Software	Liberty CMS, Liberty-View Mobile App, Liberty Tools	
	Web Browser	<IE11, Chrome, Safari, Edge	
Interface	Communication Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector	
	Audio	1Ch Input/Output (3.5mm) Built in Mic	
	Alarm	1Ch Input/Output (Screw Terminal Connector)	
	Reset Button	Yes	
	Onboard Storage	Internal, up to 1TB	
	Operating Conditions	-30°C to 60°C (-22°F to 140°F)	
General	Power Supply	DC12V (-15% to +20%)/PoE (IEEE 802.3af)	
	Power Consumption & Current	Max 9 W	
	Weatherproof	IP66	
	Housing Material / Color	Aluminum / White	
	Overall Camera Dimensions	Ø130 × 38.3 mm (Ø5.12" × 1.51")	
	Net Weight	0.5 kg (1.10 lb.)	
	Certifications	CE / FCC / NDAA	

TECHNICAL SPECIFICATIONS



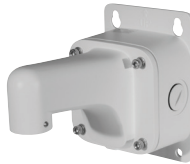
L3IP12FE360S

Optional Mounting Accessories for L3IP12FE360S:

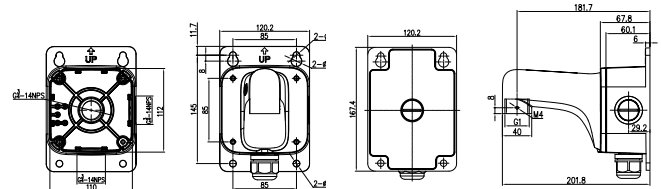
L3HWM1 Hinged wall mount

Features:

- * Requires L3PC7 Pendant Cap
- ◆ Manages & Protects Cables
- ◆ Hinged Wall Arm for Easy Installation
- ◆ Side, Back & Bottom 3/4" Conduit Access
- ◆ For Indoor & Outdoor Use



L3HWM1



L3HWM1 Lineart

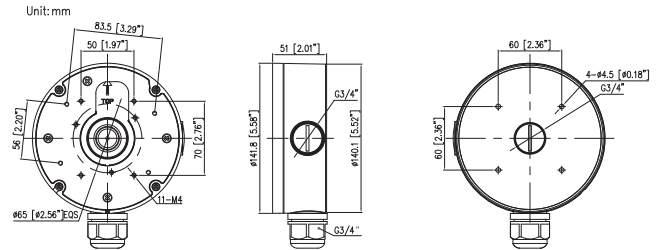
L3JB7 Junction box

Features:

- ◆ Manages & Protects Cables
- ◆ 3/4" Conduit Access
- ◆ For Indoor & Outdoor Use



L3JB7



L3JB7 Lineart

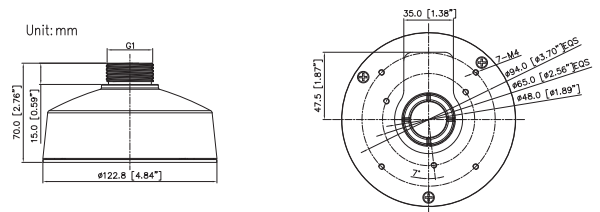
L3PC7 Pendant cap

Features:

- ◆ Pendant Mount for Dome Camera
- ◆ Aluminum Alloy
- ◆ For Indoor & Outdoor Use



L3PC7



L3PC7 Lineart

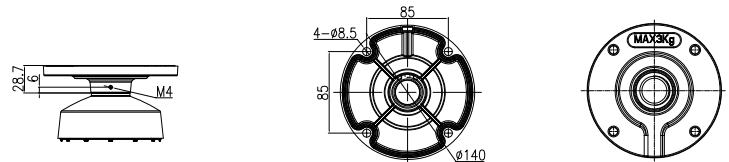
L3CPM1 Pendant mount

Features:

- * Requires L3PC7 Pendant Cap
- ◆ 18" Drop Down Length
- ◆ For Use With or Without Drop Down Pipes
- ◆ Includes (2) 9" Drop Down Pipes
- ◆ Manages & Protects Cables
- ◆ For Indoor & Outdoor Use



L3CPM1



L3CPM1 Lineart

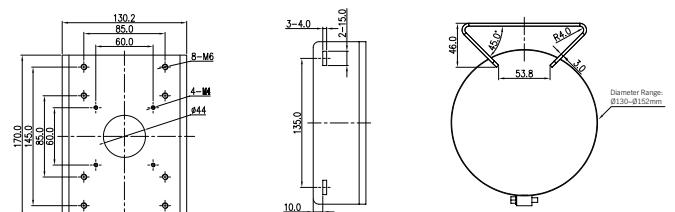
L3POLEMT2 Pole mount

Features:

- ◆ Metal Straps Included
- ◆ For 5-6" Pole Diameters
- ◆ For Indoor & Outdoor Use



L3POLEMT2



L3POLEMT2 Lineart