

5MP Fisheye IP Camera

LMDENL5FE



- 180° panoramic fisheye lens
- AI Function
- AI ISP for full-color imaging in low light
- 3.2T high computing power
- Wi-Fi 6 (2.4G/5G), Hotspot
- External SD Card Slot
- 2-Way Audio
- Alarm I/O



Camera

Image Sensor	1/2.8" SONY Starvis2 Back-illuminated CMOS sensor
Resolution	5MP
Effective Pixels	2616(H)*1964(V)
Compression	H.264/H.264+/H.265/H.265+/MJPEG
Audio Compression	G711A/U,AAC,MP2L2
TV System	PAL/NTSC
Electronic Shutter Time	Auto: 1/3-1/100000Sec
Minimum Illumination	Color: 0.001 Lux@(F2.0, AGC ON), B/W: 0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional

Lens

Focal Length & FOV	1.1 mm, horizontal FOV 180°, vertical FOV 180°, diagonal FOV 180°
Lens Type	Board Lens 1.1mm
Focus Control	Fixed
Aperture	Fixed
Pixels	4MP

Night Vision

Supplement Light	1PCS
Supplement Light Distance	25M
Supplement Light Status	Auto Control
Supplement Light Power On	Smart, Manual & Timed mode

Network

Ethernet	RJ-45 (10/100Base-T)
Wireless	Supports (built-in antenna, Wi-Fi 6E 2.4G + 5G), and hotspot functionality.
Protocol	TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTMP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x
ONVIF	Support ONVIF 24.12(Profile S/T/G/M)
P2P	YES
POE	Internal, Support IEEE 802.3af
Video Delay	300ms (Within the Lan)
Main Stream 1	Mode 1: Fisheye Fisheye Main Stream: 1920*1920@60fps / 1440*1440@60fps / 1080*1080@60fps Mode 2: Panorama Panorama Main Stream: 2592*1944@60fps / 2560*1440@60fps / 1920*1080@60fps / 1280*720@60fps
Main Stream 2	Mode 3: Fisheye + Panorama + 3 PTZ Fisheye Main Stream: 1920*1920@30fps / 1440*1440@30fps / 1080*1080@30fps Panorama Main Stream: 2592*1944@30fps / 2560*1440@30fps / 1920*1080@30fps / 1280*720@30fps 3 PTZ Main Stream: 1280*720@30fps / 720*480@30fps / 640*480@30fps Mode 4: Fisheye + 4 PTZ Fisheye Main Stream: 1920*1920@30fps / 1440*1440@30fps / 1080*1080@30fps 4 PTZ Main Stream: 1280*720@30fps / 720*480@30fps / 640*480@30fps
Main Stream 3	Mode 5: Fisheye + 4 PTZS Fisheye Main Stream: 1920*1920@30fps / 1440*1440@30fps / 1080*1080@30fps 4 PTZS Main Stream: 2560*1440@30fps
Sub Stream 1	Mode 1: Fisheye Fisheye Sub Stream: 1080*1080@30fps / 720*720@30fps / 480*480@30fps Mode 2: Panorama Panorama Sub Stream: 1280*720@30fps / 720*480@30fps
Sub Stream 2	Mode 3: Fisheye + Panorama + 3 PTZ Fisheye Sub Stream: 1080*1080@30fps / 720*720@30fps / 480*480@30fps Panorama Sub Stream: 1280*720@30fps / 720*480@30fps Mode 4: Fisheye + 4 PTZ Fisheye Sub Stream: 1080*1080@30fps / 720*720@30fps / 480*480@30fps

Sub Stream 3	Mode 5: Fisheye + 4 PTZS Fisheye Sub Stream: 1080*1080@30fps / 720*720@30fps / 480*480@30fps 4 PTZS Sub Stream: 1280*720@30fps
Tri Stream	Mode 1: Fisheye Fisheye Tertiary Stream: 720*720@30fps / 480*480@30fps / 360*360@30fps Mode 2: Panorama Panorama Tertiary Stream: 1280*720@30fps / 720*480@30fps Mode 3: Fisheye + Panorama + 3 PTZ Fisheye Tertiary Stream: 720*720@30fps / 480*480@30fps / 360*360@30fps Panorama Tertiary Stream: 1280*720@30fps / 720*480@30fps Mode 4: Fisheye + 4 PTZ Fisheye Tertiary Stream: 720*720@30fps / 480*480@30fps / 360*360@30fps Mode 5: Fisheye + 4 PTZS Fisheye Tertiary Stream: 720*720@30fps / 480*480@30fps / 360*360@30fps 4 PTZS Tertiary Stream: 720*480@30fps
IE Browser	Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari
Smart Phone	iPhone, Android
AI Function	
Intelligent Analysis	Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human, vehicle and non-motor vehicle detection), Loitering Detection/People Gathering Detection(based on human detection), Motion Detection(supports the detection based on human, vehicle and non-motor vehicle movement), Illegal Parking(based on vehicle shape), Abandoned Object Detection, Removed Object Detection, Heat Map
Camera Features	
Day/Night	Color/ B&W (IR-CUT)
Image Config	Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC, Scene Change Detection
Full Color	Support
Corridor Pattern	N/A
Defog Mode	Support
ROI	Support
BLC	Support
WDR	120dB
Motion Detection	Support(support enable the detection based on human and Vehicle movement)
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech
Interface	
Audio	Default: Two Way Audio
Alarm	Default: Alarm I/O
SD Card Slot	External, Support Max 512GB, Built in 4G Storage
RS485	N/A
General	
Housing	Body:Metal, Bracket: Plastic
Anti-cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-30℃ ~ +60℃ RH95% Max
Storage Temperature	-30℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 487mA
Dimension	∅ 120 x 49(H) mm
Weight (N.W./G.W.)	Approx. 360 g / Approx. 450 g

Dimensions (mm)

