

## 4MP HD Network Camera

LS-MD49401M-AI



### Key Features

- 1/2.66" CMOS 4MP, 2560x1440@25fps
- Motorized lens 2.8-12mm , up to 40m IR distance
- H.265, H.264, double streams
- Dual light source, support full color night vision and infrared night vision
- Built-in microphone and speaker , Two-way voice intercom
- Six AI alert functions: Area Intrusion 、 Line-Cross Detection 、 Loitering 、 Absent Alarm 、 Vehicle illegal Parking 、 Vehicle Retrograde ( support access to MATE series NVR linkage application )
- DC12V&POE, IR distance up to 20M

### Specifications

Model	LS-MD49401M-AI
Chipset	T41
Sensor	1/2.66", 4MP low illumination CMOS sensor

Lens	2.8-12mm
D&N	ICR switch, auto/color/B&W/CDS trigger/ customized time
D-WDR	WDR (Off/Low/Middle/High)
IR Led Control	IR/warm/dual light, auto/manual/off, support 0-100 brightness adjust
3D DNR	Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Mirror	Off/horizontal mirror/vertical mirror/180° flip
Image Setting	Brightness,contrast,sharpness,saturation,chroma
<b>Normal Events</b>	
Motion Detection	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support full screen / area detection;</p> <p><b>c</b>, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Occlusion Alarm	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support one detection area;</p> <p><b>c</b>, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Privacy Mask	<b>a</b> , Support 4 areas
<b>Intelligent Events</b>	
Area Intrusion	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);</p> <p><b>c</b>, Support video stream overlay detection frame;</p> <p><b>d</b>, Support specified target type detection: human, motor vehicle (non motor vehicle also can be detected);</p> <p><b>e</b>, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Line-Cross Detection	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support one detection line, supports detection directions: A-&gt;B; ;</p> <p><b>c</b>, Support video stream overlay detection frame;</p> <p><b>d</b>, Support specified target type detection: human, motor vehicle (non motor vehicle also can be detected);</p> <p><b>e</b>, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Loitering	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);</p> <p><b>c</b>, Support video stream overlay detection frame;</p> <p><b>d</b>, Support Loitering time setting[10-3600]S;</p> <p><b>e</b>, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Absent Alarm	<p><b>a</b>, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p><b>b</b>, Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);</p> <p><b>c</b>, Support video stream overlay detection frame;</p> <p><b>d</b>, Support absent time setting[10-3600]S;</p> <p><b>e</b>, Support at least 1-3 people on duty;</p>

	f, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light
Vehicle illegal Parking	<p>a, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p>b, Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);</p> <p>c, Support video stream overlay detection frame;</p> <p>d, Support illegal parking time setting[10-3600]S;</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Vehicle Retrograde	<p>a, 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day;</p> <p>b, supports one detection areas, and can draw a multi deformation detection area (Detection area is consist of four points);</p> <p>c, Support video stream overlay detection frame;</p> <p>d, Supports Four detection directions, Detection line support B-&gt;A direction</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
<b>Audio &amp; Video Encoding</b>	
Standard	H.265/ H.264
Encoding Feature	<p>Main stream: 4MP(2560x1440@25fp )</p> <p>Sub-stream: D1(720*576)@25fps,VGA(640*480)@25fps,Q720P(640*360)@25fps</p>
Max Resolution	4MP 2560x1440
Video Code Rate	Fixed code rate,variable code rate
Video Type	Composited stream/video stream
Audio Standard	G.711u/G.711A 8K 64bit
<b>Network Function</b>	
Network protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP、PPPoE、HTTP、HTTPS、RTSP、RTMP、DDNS、UPNP、FTP
Connection Protocol	Onvif/I8H Protocol
Security Mode	Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification
Motion Detection	Set detection area, can set multi-level sensitivity
Occlusion Alarm	Support 1 area
Privacy Mask	Support 4 areas
Schedule Linkage	<p>Upload Email/ FTP upload picture</p> <p>Arming time support day arming/ night arming /customized arming</p>
Device Abnormal Inspection	Support disconnection alarm, IP conflict alarm, illegal access alarm
Character Overlay (OSD)	<p>Support time OSD/Title OSD, multi-line OSD (two lines)</p> <p>Main stream font support 12-60pt,sub stream font support 12-36pt,</p>
<b>Port</b>	

Network Port	RJ45 10M/100M network self-adaptation
Audio	MIC Input/ Speaker Output
<b>General</b>	
Power Supply	DC12V /PoE
Working Temperature	-20°C ~ 60°C
Working Humidity	0% ~90%
Product size/weight	141.5 × 111.5 × 111.5mm/690g
Packing size/weight	155*155*135mm/830g

## Dimensions

