

8MP HD Network Camera

LS-MD45801-AI



Key Features

- 1/2.7" CMOS 8MP, 3840*2160@25fps
- Standard Fixed lens 3.6mm
- 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-MD45801-AI
Chipset	T41
Sensor	1/2.7", 8MP low illumination CMOS sensor

Lens	3.6mm
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
Normal Events	
Motion Detection	<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 full screen / area detection;</p> <p>c, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Occlusion Alarm	<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;</p> <p>c, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Privacy Mask	a , Support 4 areas
Intelligent Events	
Area Intrusion	<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 specified target type detection: human, motor vehicle (non motor vehicle also can be detected);</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Line-Cross Detection	<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 line, supports detection directions: A->B; ;</p> <p>c, Support video stream overlay detection frame;</p> <p>d, Support specified target type detection: human, motor vehicle (non motor vehicle also can be detected);</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Loitering	<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 Loitering time setting[10-3600]S;</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Absent Alarm	<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 absent time setting[10-3600]S;</p> <p>e, 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->A direction</p> <p>e, Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;</p>
Audio & Video Encoding	
Standard	H.265/ H.264
Encoding Feature	<p>Main stream: 8MP(3840*2160@25fps)</p> <p>Sub-stream: D1(720*576)@25fps,VGA(640*480)@25fps,Q720P(640*360)@25fps</p>
Max Resolution	8MP 3840x2160
Video Code Rate	Fixed code rate,variable code rate
Video Type	Composited stream/video stream
Audio Standard	G.711u/G.711A 8K 64bit
Network Function	
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>
Port	

Network Port	RJ45 10M/100M network self-adaptation
Audio	MIC Input/ Speaker Output
General	
Power Supply	DC12V /PoE
Working Temperature	-20°C ~ 60°C
Working Humidity	0% ~90%
Product size/weight	112.7 × 104 × 104mm/440g
Packing size/weight	140*140*120mm/545g

Dimensions

