



SPECIFICATION	
Model NO.	DMSAKL5RC
Camera	
Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor
Resolution	5MP
Effective Pixels	2616(H)*1964(V)
Compression	H.264/H.264+/H.265/H.265+
Audio Compression	G711A/U,AAC,MP2L2
TV System	PAL/NTSC
Electronic Shutter Time	Auto: 1/3-1/100000Sec
Minimun Illumination	Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 96°, vertical FOV 72°, diagonal FOV 124° 4 mm, horizontal FOV 80°, vertical FOV 56°, diagonal FOV 107° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 62°
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focus Control	Fixed
Aperture	F1.6
Pixels	5MP
Night Vision	
Supplement Light	IR 2PCS Warm light 2PCS
Supplement Light Distance	IR 25m Warm light 25m
Supplement Light Status	Auto Control
Supplement Light Power On	Smart, Manual & Timed mode
Network	
Ethernet	RJ-45 (10/100Base-T)
Wireless	N/A
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)

Author Sterens 1 290°-1944(8) 1	P2P	YES	
Main Scream 1 2591*1848/30fps  Main Scream 2 250*14408/30fps  1097*1008/30fps  1097*1008/30fps  1097*1008/30fps  1097*1008/30fps  1097*1008/30fps  506 Scream 1 1097*1008/30fps  506 Scream 3 NA  107 Scream NA  1087*1008/30fps  506 Scream 3 NA  1087*1008/30fps  1087*1008/30fps  1088*1008*1008*1008*1008*1009*1009*1009*	POE	Internal, Support IEEE 802.3af	
Main Stream 2 2560*1440.300ps  Main Stream 3 1320*7309.000ps  Main Stream 2 720*4809.000ps  Main Stream 3 720*4809.000ps  Main Stream 3 720*4809.000ps  Main Stream 4 720*4809.000ps  Microsoft Edge, IE13, Congle Chrone, Firefox, Max Safari  Microsof	Video Delay	300ms (Within the Lan)	
Asia Stream 3 2820*10808300; Sub Stream 1 280*720830(ps Sub Stream 2 70*808980(ps Sub Stream 3 N/A To Stream 3 N/A To Stream 3 N/A To Stream 3 N/A To Stream 4 N/A To Stream 5 N/A To Stream 5 N/A To Stream 6 N/A To Stream 6 N/A To Stream 7 N/A To Stream 7 N/A To Stream 7 N/A To Stream 7 N/A To Stream 8 N/A To Stream 8 N/A To Stream 9	Main Stream 1	2592*1944@30fps	
1207-720-830fps  Authority Stream 1 1207-720-830fps Sub-Stream 2 725*4008-90fps Sub-Stream 3 N/A  Fishtram N/A  Fishtram N/A  Fishtram Mccrooff Edge, E11, Georgie Chrome, Firefox, Mac Safari  Stream Mccrooff Edge, E11, Georgie Chrome, Firefox, Mac Safari  Stream Mccrooff Edge, E11, Georgie Chrome, Firefox, Mac Safari  Al Function  Intelligent Analysis Detection/Lased on harman and Vehicle movement/Lased on harman and Vehicle Detection/Lased on harman and Vehicle Detection/Lased on harman and Vehicle Detection/Lased on harman and Vehic	Main Stream 2	2560*1440@30fps	
Sub-Stream 1 1280**720830fps Sub-Stream 2 70**508930fps Sub-Stream 3 N/A Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Sincer Manage Microsoft sides, it11, Geogle Chrome, Firefox, Mac Safari Microsoft sides on human and Vehicle Detection), Line Cross Detection(Salad on human and Vehicle Detection), Vehicle Control on human and Vehicle Detection), Line Cross Detection(Salad on human and Vehicle Detection), Vehicle Detection, Vehicle Det	Main Stream 3		
Sub Stream 3 N/A  Tri Stream N/A  Tri Stream N/A  Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari  Whore, Android  AI Function  Intrusion Detection , People Gather Detection , User Cross Detecting Based on human and Vehicle Detection , Littler Detection , L	Sub Stream 1		
In Stream  N/A  Be Brower  Microsoft Edge, E11, Google Chrome, Firefox, Mac Safari  Simurt Phone  Whone, Android  AI Function  Intelligent Analysis  Intelligent Analysis  Intelligent Analysis  Destrois Detection/based on human and vehicle Detection/, User Coss Detection/Based on human and Vehicle Detection/, Losve Analysis  Device Destrois Detection/Based on human and Vehicle Detection/, Morfare Detection/poport enable the detection in based on human and Vehicle Detection/, Losve Analysis and human and Vehicle Detection/  Support	Sub Stream 2	720*480@30fps	
Reviewer Microsoft Edge, IEII, Google Chrome, Firefox, Mac Safarn  Al Function  Al Function  Intrusion Detection  People Gather Detection  Long Cross Detection  Desead on human and Vehicle Detection), Lone responsible to human detection, People Gather Detection  Long Cross Detection  Desead on human and Vehicle Detection), Lone responsible the detection based on human and Vehicle Detection), Lone responsible to human and Vehicle Detection), Lone responsible to human and Vehicle Detection), Lone responsible to human and Vehicle Detection), Lone responsible the detection based on human and Vehicle Detection), Lone responsible the detection based on human and Vehicle Detection), Lone responsible the detection based on human and Vehicle Detection), Lone responsible the detection based on human and Vehicle Detection, Leave Area(based on human and Vehicle Detection)  Support  Support  Support  Support  Support  WIDD  Support  Support  WIDD  Support	Sub Stream 3	N/A	
Smart Phone Phone, Android Intrusion Deteitoriphised on human and Vehicle Detection), Line Cross Deteitoriphised on human and Vehicle Detection), Line Deteitoriphised on human and Vehicle Detection), Motion Detection, Loiner Deteitoriphised on human and Vehicle Detection), Motion Detection, Loiner Phone P	Tri Stream	N/A	
Al Function  Intrusion Detection(based on human and Vehicle Detection), Line Cross Detetion(based on human and Vehicle Detection), People Gether Detection(based on human detection), Mortin Detection(based on human and Vehicle Detection), Lesker Area(based on hu	IE Brower	Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari	
Intrusion Detection(based on human and Vehicle Detection), Line Cross Detection(based on human and Vehicle Detection), Design Control (Notion Detection), People Gather Detection(based on human detection), Motion Detection(based on human and Vehicle Detection), Leise Arealbased on human and Vehicle Detection on human and Vehicle Detection human and Vehicle Detection human and Vehicle Detection and the Leise Arealbased on human and Vehicle Detection and the Leise Arealbased on human and Vehicle Detection and the Leise Arealbased on human and Vehicle Detection and the Leise Arealbased and Period Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and human and Vehicle Detection and the Leise Arealbased and the Leise Arealbased and Arealbas	Smart Phone	iPhone, Android	
human detection), People Gather Detection(based on human detection), Motion Detection(cupport enable the detection based on human and Vehicle Detection), Lowe Araplased on human and vehicle Detection), Lowe Araplased on human and vehicle Detection).  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  Full Color Support  Defog Mode N/A  ROI Support  BLC Support  WOR 1208  Motion Detection Support(support enable the detection based on human and Vehicle movement)  Privacy Masking 3 Rectangular Zone  Recording Mode Nys/Contrasty Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC  Fixed Support  WOR 1208  Motion Detection Support(support enable the detection based on human and Vehicle movement)  Privacy Masking 3 Rectangular Zone  Recording Mode Nys/Contrasty Symbol  Language Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vicenamese, Thai, Humanian, Eccch.  Interface  Audio Defalut: Build in Mic Option: Audio I/O  Alaurm N/A  SD Card Stot Deralut: Internal SD card Stot (Max S126B)  Resease N/A  General  Housing Metal, IP67, IKOB  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature 30°C ~ 60°C RH95% Max  Storage Temperature  20°C ~ 60°C RH95% Max	Al Function		
Day/Night Color/ 8&W (IR-CUT) Image Config Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering,HLC  Full Color Support  Corridor Pattern Support  Defog Mode N/A  ROI Support  BLC Support  B	Intelligent Analysis	human detection), People Gather Detecion(based on human detection), Motion Detection(support enable the detection based on human and	
Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC  Support  Support  Support  BIC  Support  Support	Camera Features		
Full Color Support  Corridor Pattern Support  BLC Support  BLC Support  WVDR 120dB  Motion Detection Support(support enable the detection based on human and Vehicle movement)  Privacy Masking 3 Rectangular Zone  Recording Mode NYB/CMS/Web  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vetnamese, Thai, Hungarian, Czech  Interface  Audio Defaut: Build in Mic Option: Audio I/O  Alarm N/A  SD Card Slot Defaut: Internal SD card slot (Max 512GB)  RSASS N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30°C ~60°C RH95% Max  Storage Temperature -20°C ~60°C RH95% Max	Day/Night	Color/ B&W (IR-CUT )	
Corridor Pattern  Support  Befog Mode  N/A  ROI  Support  Support  MDR  120dB  Motion Detection  Support(support enable the detection based on human and Vehicle movement)  Privacy Masking  3 Rectangular Zone  Recording Mode  NVR/CMS/Web  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnemese, Thal, Hungarian, Crech  Interface  Audio  Defalut: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: Internal SD card slot (Max 5126B)  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  VES  Operation Temperature  -30° ~ +60° R H95% Max  Storage Temperature  -20° ~ +60° R H95% Max	Image Config	Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC	
Defog Mode  N/A  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/CK/S/Web  Language  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech  Interface  Audio  Defalut: Build in Mic Option: Audio I/O  Alairm  N/A  SD Card Slot  Default: Internal SD card slot (Max 512GB)  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30 ° ~ +60 ° RH955% Max  Storage Temperature  -20 ° ~ +60 ° RH955% Max	Full Color	Support	
Support  Support  WDR 120dB  Motion Detection Support(support enable the detection based on human and Vehicle movement)  Privacy Masking 3 Rectangular Zone  Recording Mode NYR/CMS/Web  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech  Interface  Audio Defalut: Build in Mic Option: Audio I/O  Alarm N/A  SD Card Slot Default: Internal SD card slot (Max 5126B)  N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30°C ~+60°C RH95% Max  Storage Temperature -20°C ~+60°C RH95% Max	Corridor Pattern	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, Thal, Hungarian, Czech  Interface  Audio Defalut: Build in Mic Option: Audio I/O  Alarm N/A  SD Card Slot Default: Internal SD card slot (Max 512GB)  N/A  General  Housing Metal, IP67, IKOB  Anti-cut Bracket NO  IR Cut Filter VES  Operation Temperature -30°C ~+60°C RH95% Max  Storage Temperature -20°C ~+60°C RH95% Max	Defog Mode	N/A	
Motion Detection  Support(support enable the detection based on human and Vehicle movement)  Privacy Masking  3 Rectangular Zone  NVR/CMS/Web  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech  Interface  Audio  Defalut: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: Internal SD card slot (Max 512GB)  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  VES  Operation Temperature  -30°C ~ +60°C RH95% Max  Storage Temperature  -20°C ~ +60°C RH95% Max	ROI	Support	
Motion Detection  Support(support enable the detection based on human and Vehicle movement)  Privacy Masking  3 Rectangular Zone  NVR/CMS/Web  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  Defalut: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: internal SD card slot (Max 512GB)  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30°C ~+60°C RH95% Max  Storage Temperature  -20°C ~+60°C RH95% Max	BLC	Support	
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 Defalut: Build in Mic Option: Audio I/O  Alarm N/A  SD Card Slot Default: Internal SD card slot (Max 512GB)  RS485 N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30° ~ +60° RH95% Max  Storage Temperature -20° ~ +60° RH95% Max	WDR	120dB	
Recording Mode  NVR/CMS/Web  Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech  Interface  Audio  Defalut: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: Internal SD card slot (Max 512GB)  RS485  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30°C ~ +60°C RH95% Max  Storage Temperature  -20°C ~ +60°C RH95% Max	Motion Detection	Support(support enable the detection based on human and Vehicle movement)	
Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech  Audio  Default: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: Internal SD card slot (Max 512GB)  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30°C ~+60°C RH95% Max  Storage Temperature  -20°C ~+60°C RH95% Max	Privacy Masking	3 Rectangular Zone	
Interface  Audio Defalut: Build in Mic Option: Audio I/O  Alarm N/A  SD Card Slot Default: Internal SD card slot (Max 512GB)  N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  Operation Temperature -30°C ~ +60°C RH95% Max  Storage Temperature -20°C ~ +60°C RH95% Max	Recording Mode	NVR/CMS/Web	
Audio  Defalut: Build in Mic Option: Audio I/O  Alarm  N/A  SD Card Slot  Default: Internal SD card slot (Max 512GB)  RS485  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30°C ~ +60°C RH95% Max  Storage Temperature  -20°C ~ +60°C RH95% Max	Language		
Alarm N/A  Alarm N/A  Default: Internal SD card slot (Max 512GB)  RS485 N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30°C ~ +60°C RH95% Max  Storage Temperature -20°C ~ +60°C RH95% Max	Interface		
Default: Internal SD card slot (Max 512GB)  RS485  N/A  General  Housing  Metal, IP67, IK08  Anti-cut Bracket  NO  IR Cut Filter  VES  Operation Temperature  -30°C ~ +60°C RH95% Max  Storage Temperature  -20°C ~ +60°C RH95% Max	Audio		
RS485 N/A  General  Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30 °C ~ +60 °C RH95% Max  Storage Temperature -20 °C ~ +60 °C RH95% Max	Alarm	N/A	
Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30°C ~+60°C RH95% Max  Storage Temperature -20°C ~+60°C RH95% Max	SD Card Slot	Default: Internal SD card slot (Max 512GB)	
Housing Metal, IP67, IK08  Anti-cut Bracket NO  IR Cut Filter YES  Operation Temperature -30°C ~ +60°C RH95% Max  Storage Temperature -20°C ~ +60°C RH95% Max	RS485	N/A	
Anti-cut Bracket  NO  IR Cut Filter  YES  Operation Temperature  -30°C ~ +60°C RH95% Max  Storage Temperature  -20°C ~ +60°C RH95% Max	General		
IR Cut Filter YES  Operation Temperature $-30^{\circ}\text{C} \approx +60^{\circ}\text{C}$ RH95% Max  Storage Temperature $-20^{\circ}\text{C} \approx +60^{\circ}\text{C}$ RH95% Max	Housing	Metal, IP67, IK08	
Operation Temperature -30°C ~ +60°C RH95% Max Storage Temperature -20°C ~ +60°C RH95% Max	Anti-cut Bracket	NO	
Storage Temperature -20°C ~ +60°C RH95% Max	IR Cut Filter	YES	
	Operation Temperature	-30°C ~ +60°C RH95% Max	
Power Source DC12V±10%, 700mA	Storage Temperature	-20℃ ~ +60℃ RH95% Max	
	Power Source	DC12V±10%, 700mA	
Dimension Ø110.4x62.79mm	Dimension	Ø110.4x62.79mm	
Weight 444g	Weight	444g	