

KLIS MD-5M-NOF

KEY FEATURES



NDA A Compliance

The camera is fully NDA A compliant, a key requirement for installations in government environments, critical infrastructure, and organizations that demand the highest level of security. NDA A compliance ensures the absence of components from unauthorized suppliers and guarantees high standards of data protection and operational reliability.

Sensor and Image Quality

- Multiple Progressive Scan CMOS up to 5MP
- True WDR for optimal contrast management
- True Day/Night function (ICR)
- 3D Noise Reduction
- IR LEDs with up to 40 m range

Optics

- 2.8–12 mm motorized varifocal lens

Codec and Streaming

- Multi-codec support: H.265 / H.264 / MJPEG
- Simultaneous Triple Streams

Advanced Features

- Text Overlay and Privacy Masks
- Micro SD/SDHC/SDXC card support
- Multi User Authority
- IP Filtering
- Secure HTTPS connection
- ONVIF Profile S/T compliant

Durability and Compliance

- Weatherproof (IP66)
- Vandal-resistant (IK10)



TECHNICAL SPECIFICATIONS

IMAGE		
Lens		Motorized Varifocal 2.7~12mm, F1.3
Image Sensor	Type	1/2.8" CMOS Sensor
		2688(H)x1520(V)
Min. Illumination		Color : 0.14Lux@F1.6 / BW : 0Lux@F1.6 (IR LED On)
Scanning Mode		Progressive Scan
Wide Dynamic Range		True WDR
Day and Night Mode		True D/N(Auto, Day, Night)
Noise Reduction		3DNR
Digital Zoom		12x
Exposure Control		Auto
White Balance Control		Auto, Manual
Metering Mode		Average, BLC, HLC
Image Effect		Flip, Mirror
Flicker Free Mode		50Hz, 60Hz
Shutter Speed		Auto(1/100.000~1/2sec), Manual
IR Illuminator	Distance	Up to 40m
Motorized Lens Control		Smart Focus, Manual, Auto

TECHNICAL SPECIFICATIONS

VIDEO/AUDIO		
Compression		H.264/H.265(Baseline, Main, High Profile), MJPEG
Bitrate Control		CBR, VBR
Resolution		2592x1944, 2560x1920, 2048x1536, 1920x1440, 1600x1200, 1280x960, 800x300, 640x480, 480x360
Frame Rate		Max. 25/30fps
Streaming		Triple Stream
Audio Compression		G.711
Audio Streaming		2 Way
SYSTEM		
Video Contents Analysis		Tampering, Line-Cross, Field Intrusion, Human Detection, Face Detection
Motion Detection Area		4 Programmable Area
Privacy Mask Zone		8 Programmable Zone
FTP Uploading		MJPEG
Event Notification		E-mail, FTP
Login Authority		Administrator, Operator, Guest
Event Buffering	SD Record	Pre : 30sec, Post : 30sec
Manual Trigger		4 Programmable Trigger
Security		Multi User Authority, IP Filtering, HTTPS
Network Time Sync		NTP Server, Synchronized Computer, Manual
Software Reset		Restart, Reset, Factory Default

TECHNICAL SPECIFICATIONS

Hardware Factory Reset	Yes
Auto Recovery	Backup, Restore
Remote Upgrade	Web Browsing(Edge, Chrome, Safari, Firefox)
SD Recording Mode	Event, Continuous
NETWORK	
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour, SNMP
Client Software	Built-In Web, ONVIF Compatible 3rd Party VMS
Max. User Connection	10 Users
API Support	API, Onvif Compliance
	NDAA Compliant
EXTERNAL IN/OUT	
Audio	1 Input, 1 Output(Terminal Block)
Alarm	1 Input, 1 Output(Terminal Block)
Ethernet	RJ-45
u-SD Card	SDHC, SDXC
ETC	
Operating Humidity	0~90% RH(Non-Condensing)
Operating Temperature	-20~+50°C
Power Supply	PoE(IEEE802.3af Compliance)/12VDC
Power Consumption	190mA(8.5W)@PoE / 710mA(7.6W)@12VDC
Dimension	144(Ø)x98(H)mm
Net Weight	Approx. 776g
Ingress Protection	IP66
<u>Vandal Proof</u>	IK10