

# KLIS IP MD-FHD-IRH

## 2M IR True WDR Mini Dome Network Camera

KLIS IP MD-FHD-IRH is an easy setup camera with PoE supported to reduce complicate cabling. Triple Streams Compression are supported for efficient bandwidth and storage management. With more computing power, it could provide more flexibility for users and system managers. The camera supports WDR function, which can provide better image quality under extreme light contrast scenario or light changing environment.



### FEATURES

- 2MP Resolution
- Motorized Vari-Focal 3~9mm
- True WDR (120dB)
- True Day & Night
- 24 IR LEDs For 25m Coverage
- SD Card Up to 32GB
- PoE, 12VDC, 24VAC
- IP66 – IK10
- Auto Exposure, Auto White Balance
- Triple Stream (H.264, MJPEG)
- Onvif – Genetec Protocol
- Easy Install : Zero Configuration, Discovery, PoE
- Cross Web Browsing(IE, Firefox, Chrome)
- Privacy Masking
- AIHM Event
- Event Buffering

# TECHNICAL SPECIFICATIONS

IMAGE		
Lens	Motorized Varifocal 3.0-9.0mm, F1.2, DC IRIS	
Angle of View	100°-40°(H)	
Image Sensor	Type	1/2.8" SONY Exmor CMOS Sensor
	Pixels	1944(H)x1224(V)
Min. Illumination	Color : 0.4 Lux / BW : 0 Lux@F1.2, 50IRE(IR LED On)	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR(120dB)	
Day and Night Mode	True Day & Night(Auto, Day, Night)	
Noise Reduction	3DNR	
Digital Zoom	Yes(ROI)	
Exposure Control	Auto, Hold Current	
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor	
Back Light Compensation	Yes	
Image Effect	Flip, Mirror, Aisle	
Flicker Free Mode	50Hz, 60Hz	
	Auto(1/10,000~10sec), Manual	
IR Illuminator	Quantity	24 IR LEDs
	Angle	76°
	Distance	25m
Motorized Lens Control	Yes	
VIDEO/AUDIO		
Compression	H.264(Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 50/60fps@Full-HD	
Streaming	Max. 50/60fps(Dual Stream : H.264x1, MJPEGx1), Max. 25/30fps(Triple Stream : H.264x2, MJPEGx1)	
Composite Out	Yes	
Audio Compression	G.711	
Audio Streaming	2 Way	
SYSTEM		
Video Contents Analysis	DIS, Defog, Face Detection, Tampering, Line Detector, Field Detector	
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)	
Privacy Mask Zone	8 Programmable Zone	
FTP Uploading	MJPEG	
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert, AIHM	
Audio Alert	User-Defined 3 Audio files	
Login Authority	Administrator, Operator, Guest	
Event Buffering	FTP	Pre : 30sec, Post : 30sec
	SD Record	Pre : 10sec, Post : 60sec
Manual Trigger	4 Programmable Trigger	
Security	Multi User Authority, IP Filtering, HTTPS, SSL	
Network Time Sync	NTP Server, Synchronized Computer, Manual	
Software Reset	Restart, Reset, Factory Default	
Hardware Factory Reset	Yes	
Auto Recovery	Backup, Restore	
Remote Upgrade	Web Browsing(IE, Chrome, Safari, Firefox), SmartManager, NC-Titanium	
SD Recording Mode	Event, Continuous	
NETWORK		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software	Web, SmartManager, NC-Titanium, Tive HD	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	Tive HD(Android, iOS)	
EXTERNAL IN/OUT		
Video Composite Out	3.5mm Stereo Jack	
Audio	1 Input, 1 Output(3.5mm Stereo Jack)	
Alarm	1 Input, 1 Output(Terminal Block)	
Ethernet	RJ-45(10/100Base-T)	
u-SD Card	SDHC(Max. 32GB)	
OSD Remote Control	Wired Remote Controller(3.5mm Stereo Jack, Optional)	
ETC		
Operating Humidity	0~90%RH(Non-Condensing)	
Operating Temperature	-10~+50, -40~+45 with Heater(NVX-22x3D)	
Power Supply	PoE(IEEE802.3 af Compliance, Class0), 12VDC, 24VAC	
Power Consumption	179mA(7.8W)@PoE 617mA(6.9W)@12VDC 611mA(7.8W)@24VDC	
Dimension	152(Ø)x125(H)mm	
Net Weight	Approx. 970g	
Ingress Protection	IP66	
Vandal Proof	IK10	

All specifications subject to change without notice



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