

# KLIS IPCAM-FHD-IRH

## 2M True WDR Bullet Network Camera

KLIS IPCAM-FHD-IRH is an easy setup camera with PoE supported to reduce complicate cabling. Its offer simultaneous Triple Streams in different compression 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, 50/60fps
- Motorized Varifocal 2.8~11mm(F1.4)
- True WDR(120dB)
- True Day & Night
- 32 IR LEDs For 35m Coverage
- Audio In/Out(1/1), Alarm In/Out(1/1)
- SD Card up to 32GB
- PoE, 12VDC
- IP66
- 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 Vari-Focal 2.8~11.0mm, F1.4, DC IRIS	
Angle of View	105~38°(H)	
Image Sensor	Type	1/2.8" SONY Exmor CMOS Sensor
	Pixels	1944(H)x1224(V)
Min. Illumination	Color : 0.1Lux / BW : 0 Lux@F1.4, 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	
Shutter Speed	Auto(1/10,000~10sec), Manual	
IR Illuminator	Quantity	32 IR LEDs
	Angle	76°
	Distance	35m
Motorized Lens Control	Smart Focus, Manual	
VIDEO/AUDIO		
Compression	H.264(Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	1920x1080, 1280x720/960/1024, 1024x768, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 50/60fps@Full-HD	
Streaming	50/60fps(Dual Stream : H.264x1, MJPEGx1), 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 Notifacation	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, Live HD	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	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	-30~+50°C	
Power Supply	PoE(IEEE802.3 af Compliance, Class0), 12VDC	
Power Consumption	260mA(12.4W)@PoE, 870mA(10.4W)@12VDC, 2.33A(30W)@12VDC with Heater	
Dimension	98.4(W)x124.3(H)x247.2(D)mm	
Net Weight	1040g	
Ingress Protection	IP66	
Vandal Proof	IK10 (no glass part)	

All specifications subject to change without notice



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