

# KLIS IPCAM-3M-IRN

## Hyper IR Bullet IP Camera

The KLIS IPCAM-3M-IRN Hyper IR Bullet Cameras support up to 3M real-time streaming. Beside the supreme streaming capability, the camera also equips with high performance 3M sensors which provide enhanced low-light sensitivity and HDR function. Software features, such as Privacy masks and ROI windows, further extend the range of camera application. The new generation built-in IR LED module emits sufficient infrared lights to light up the area under surveillance without the help of any additional lighting devices. The cable management bracket not only saves the time on installation but also keeps the cables from sabotage. With the international IP66 rating and weather-proof design, the Bullet IP camera can also perform stably in harsh environments.



### FEATURES

- 3MP Progressive Scan CMOS Sensor
- 3MP @ 30fps + SXGA @ 30fps
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multiple and Dynamic ROI Windows
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- microSD Support
- IP66
- Remote Zoom & Focus (Motorized Lens)
- Motion Detection
- Smart IR Mode
- Network Failure Detection
- Day/Night (ICR)
- IR LED Module (working distance up to 50 m)
- Weatherproof (IP66 International)
- Integrated Mounting Bracket with Cable Management
- ONVIF – Genetec Support

# TECHNICAL SPECIFICATION

Camera		KLIS IPCAM-3M-IRN	
Image Sensor		1/2.8" Sony Progressive CMOS	
Effective Pixels		3M (2048x1536)	
Minimum Illumination	Color	0.04	
	B/W	0.002	
Shutter Speed		1 ~ 1/10000 sec.	
Lens			
Lens		Motorized	
Focal Length		3-9 mm	
F Number		F 1.7	
FOV		TBD <sup>2</sup> (Wide); TBD <sup>2</sup> (Tele)	
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Iris Control	DC-iris	
	Backlight Compensation	On/Off	
	White Balance	Auto/Manual/ATW/One Push	
	Noise Reduction 3D	Low / Middle / High / Off (w/ Motion Compensation)	
	Wide Dynamic Range	Shutter WDR (120dB)	
	Privacy Mask	On/Off	
	Brightness	Manual	
Image Setting	Exposure	Auto / Manual	
	Sharpness	Manual	
	Contrast	Manual	
	Saturation	Manual	
	Hue	Manual	
	Digital Zoom	Support	
	Privacy Mask Type	Color	
	ICR	Auto / On / Off / Smart	
	ICR + IR LED*	Auto / LED On / LED Off / Smart IR / Light Sensor	
	Motion Detection	On / Off / BySchedule	
Event Setting	Tampering Alarm	On / Off / BySchedule	
	Network Failure Detection	By Schedule / On / Off	
	Audio Detection	On / Off	
	Two-way Audio	Line in / Line Out	
Audio	Compression	G.711 / G.726 / AAC / LPCM	
	Bit rate	G.726 : 16Kbps/24Kbps/32Kbps/40Kbps, G.711 : uLAW(64Kbps)/ALAW(64Kbps), AAC:128 Kbps, PCM: 128Kbps/256Kbps/384Kbps/768Kbps	
	Sampling rate	G711/G725/PCM-128: 8 KHz, AAC:48 KHz, PCM-256:16KHz, PCM-384Kbps:24KHz, PCM-768Kbps:48KHz	
Network			
Interface		RJ-45, 1Gbps Ethernet	
Video Compression		MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC	
Video Streaming	Dual Streams	H.264 3M @25/30 fps + H.264 SXGA @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
	Quad Streams	H.264 3M @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps + H.264 CIF @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
Video Resolution	H.264	3M (2048x1536) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP	
Security		HTTPS / IP Filter / IEEE802.1X 1 Set	
Alarm	Input	5V 10kΩ pull up 1 Set	
	Output	Photo Relay Output 300V DC/AC	
Event Notification		HTTP / FTP / SMTP	
Micro SD		SDXC 64GB support	
Supported Web Browser		Internet Explorer (7.0+) / Firefox / Safari	
User Account		20	
Password Levels		User and Administrator	
Mechanical			
Built-in IR Illuminator	Working Distance	up to 50 m	
	Wavelength	850 nm	
	Number of LEDs	6	
LED Indicator		Power / Link / ACT	
Connectors	Alarm	4 Pin Terminal Block	
	Power	3 Pin Terminal Block	
	Ethernet	RJ-45	
	Analog Video	1.0 Vp-p / 75 Ω, BNC	
	Audio*	Stereo phone jack, Ø 3.5mm	
General			
Operating Temperature		w/o Heater: -20°C ~ 50°C (-4° ~ 122°F) w/Heater: -40°C ~ 50°C (-40° ~ 122° F)	
Start-up Temperature		w/o Heater: -10°C ~ 50°C (14° ~ 122°F) w/Heater: -40°C ~ 50°C (-40° ~ 122° F)	
Humidity		10% ~ 90%, No Condensation	
Weather/Vandal Proof		IP66 - IK10 (no glass part)	
Dimension		Ø 90 x 270 mm (Ø 3.3 x 7.6 in.)	
Weight		940 g (2.07 lb)	
Power Source		DC 12V / AC 24V / PoE	
Power Consumption	Operation (802.3af) System	DC 12V: 6.05W / AC 24V: 6.2W / PoE: 5.5W	
	Others	Heater: +5W / ICR Switching: +0.5W / IR-LED: +2.9W / Motorized Lens: +0.55W/SD Card: +0.6W	
	Cold Start (802.3af) Heater	10W	
Regulatory		CE / FCC / RoHS / LVD	

Product specification and availability are subject to change without notice.



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