



SSDIP-3022IR

2 Megapixel Network IR
PTZ Dome Camera

Key Features

IR Function :

- * 0 Lux minimum illumination
- * Up to 150m IR distance
- * IR light MTBF reaching up to 30,000 hours

System Function :

- * High performance CMOS, up to 1920 x 1080 resolution
- * Support smart tracking
- * $\pm 0.1^\circ$ preset accuracy
- * ONVIF (Open Network Interface Forum), CGI (Common Gateway Interface), PSIA(Physical Security Interoperability Alliance), to ensure greater interoperability between different platforms and compatibility
- * 3D intelligent positioning function
- * 3D DNR
- * Power-off memory function: restore PTZ & lens status after reboot
- * IP66 standard (outdoor dome)
- * Scheduled PTZ movement

Camera Function :

- * Auto iris, auto focus, auto white balance, backlight compensation and auto/manual day & night switch
- * Min. Illumination : 0.4Lux@F1.6, AGC ON)(Color), 0.03Lux@(F1.6, AGC ON)(B/W),0 Lux with IR
- * Support privacy mask with multiple colors and mosaics on polygonal areas
- * Support HLC (Highlight compensation)
- * Support smart defog
- * Wide dynamic range

PTZ Function :

- * 360° endless pan range and -2°-90° tilt range
- * 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- * 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- * 256 presets programmable; preset image freezing capability
- * 8 patrols, up to 32 presets per patrol
- * 4 patterns, with the recording time not less than 10 minutes per pattern
- * Proportional zoom function
- * Park action: auto call up of PTZ movement, after a defined time of inactivity
- * 7 alarm inputs and 2 alarm outputs

Network Function :

- * H.264/MPEG/MPEG4 video compression and the latest Davince processing chip and platform
- * Support H.264 encoding with Baseline/Main/High profile
- * ROI (Region of Interest) encoding (support 24 areas with adjustable levels)
- * Built-in Web server
- * SD/SDHC card local storage
- * Support up to 8 NAS storage; Edge recording (transmit the videos from SD card to the NAS after network resumed)
- * HTTPS encryption and IEEE 802.1X port-based network access control
- * Support three-stream; Basic and advanced video configuration; Real time video at 1080/960P/720P
- * Multiple network protocols supported: IPv4/IPv6, HTTP, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, HDCP, PPoE
- * 1 audio input and 1 audio output

Application Scenarios

It can be widely applied to places with no lights or weak lights requiring wide-area and high-definition monitoring, such as rivers, forests, highways, railways, airports, ports, sentries, squares, parks, scenic sites, streets, streets, stations, large venues, outside of residential areas, etc.

Specification

	DETAILS	SSDIP-3022IR
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Effective Pixel	2230K Pixels
	Min. Illumination	Color : 0.4 Lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W : 0.03 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR Color : 0.05 lux (F1.6, 1/1 sec, 50 IRE, AGC On) B/W : 0.005 Lux (F1.6, 1/1 sec, 50 IRE, AGC On) 0 Lux with IR
	White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium Lamp
	AGC	Auto/Manual
	S/N Ratio	≥ 50dB
	3D DNR / HLC	Support
	Shutter Time	50Hz : 1-1/30,000s, 60Hz : 1-1/30,000s
	BLC/WDR / Smart defog	Support
	Day & Night	IR Cut Filter
	Digital Zoom	16X
	Privacy Mask	24 privacy masks programmable; optional multiple colors and mosaics
	Focus Mode	Auto / Semiautomatic / Manual
Lens	Focal Length	4.3-129mm, 30x
	Zoom Speed	Approx.3s (Optional Wide-Tele)
	Angle of View	65.5-2.11 degree (Wide-Tele)
	Min. Working Distance	10-1500mm (Wide-Tele)
	Aperture Range	F1.6-F5.0
Pan and Tilt	Pan Range	360° endless
	Pan Speed	Pan Manual Speed : 0.1° - 160°/s
	Tilt Range	-2°-90° (Auto Flip)
	Tilt Speed	Tilt Manual Speed : 0.1°-120°/s, Tilt Preset Speed : 200°/s
	Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
	Number of Preset	256
	Patrol	8 patrols, up to 32 presets per patrol
	Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
	Power-off Memory	Support
	Park Action	Preset/Patrol/Pattern/Pan scan/Tilt Scan/Random scan/Frame scan/Panorama scan
	PTZ Position Display	On/Off
	Preset Freezing	Support
	Scheduled Task	Preset/Patrol/Pattern/Pan scan/Tilt Scan/Random scan/Frame scan/Panorama scan/Dome reboot/Self-test action/Alarm output
Smart Tracking	Support	
Infrared	IR Distance	150m
	IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	Alarm Input	7
	Alarm Output	2 relay outputs, alarm response actions configurable
	Alarm Trigger	Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
	Alarm Action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client
Input / Output	Monitor Output	1.0V[p-p] / 75Ω , NTSC (or PAL) composite, BNC
	Audio Input	1 Mic in/Line in interface Line input : 2-2.4V[p-p]; output impedance: 1kΩ, ±10%
	Audio Output	1 Audio output interface Line Level, impedance : 600Ω

Specification

	DETAILS	SSDIP-3022IR
Network	Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
	Max. Image Resolution	1920 x 1080
	Main Stream	50Hz @ 25fps : (1920x1080), (1280x960), (1280x720) 60Hz @ 30fps : (1920x1080), (1280x960), (1280x720)
	Sub Stream	50Hz @ 25fps : (704x576), (352x288), (176x144) 60Hz @ 30fps : (704x480), (352x240), (176x120)
	Third Stream	50Hz @ 25fps : (1920x1080), (1280x960), (1280x720), (704x576), (352x288), (176x144) 60Hz @ 30fps : (1920x1080), (1280x960), (1280x720), (704x480), (352x240), (176x120)
	Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High Profile
	SVC	Support
	ROI encoding	Support 24 areas with adjustable levels
	Audio Compression	G.711ulaw/G.711alaw/G.726/MP212
	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
	Number of Simultaneous Live View	Up to 10
	Three Streams	Support
	Mini SD Memory Card	Manual REC / Alarm REC. Built-in SD/SDHC Slot, up to 32GB Edge recording
	User / Host Level	Up to 32 users, 3 levels: Administrator, Operator and User
System Integration	Security Measures	User authentication (ID and PW), Host authentication (MAC address) IP address filtering
	Interface for application programming	Open-ended API, support ONVIF, PSIA and GSI
	Client	Support iVMS-4200 PCNVR
Pan and Tilt	Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, support multi-language
	Menu Language	Chinese/Englis
	RS-485 Protocols	Kodio, Pelco-P, Pelco-D, self-adaptive
	Power	12VDC, Max 50W
	Working Temperature / Humidity	-30°C-65°C(22°F-149°F)(Outdoor) / 90% or less
	Protection Level	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
	Mounting	Various mounting modes optional
	Dimensions	Ø245x399mm (Ø9.65" x 15.71") (Outdoor)
	Weight (approx.)	5.5kg (12.13lbs)