



Kodio

SDIP-2022WDR SDIP-2021WDR

2 MP WDR Network PTZ Dome Camera



Key Features

- * 1.2.8" Progressive Scan CMOS
- * 20X optical zoom, 12X digital zoom
- * True WDR
- * True Day/Night, 3D DNR
- * 3D intelligent positioning
- * Triple stream
- * Outdoor / Indoor

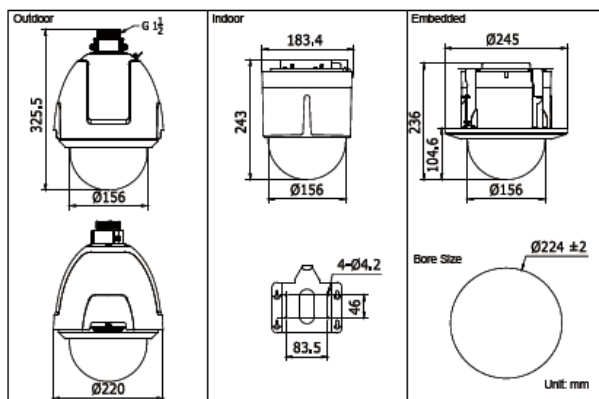
Specification

	DETAILS	SDIP-2022WDR	SDIP-2021WDR
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Effective Pixel	2230K Pixels	
	Min. Illumination	High Sensitivity : Color : 0.5 Lux@F1.6, B/W:0.08Lux@F1.6 Normal: Color : 1.7 lux@F1.6, B/W : 0.26 lux@F1.6	
	White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium Lamp	
	AGC	Auto/Manual	
	S/N Ratio	≥ 50dB	
	Digital noise reduction	3D DNR	
	Back Light Compensation	BLC	
	White Dynamic Range	True WDR	
	Shutter Speed	50Hz : 1-1/30,000s, 60Hz : 1-1/30,000s	
	Day & Night	IR Cut Filter	
	Digital Zoom	12X	
	Privacy Mask	24 privacy masks programmable; optional multiple colors and mosaics	
	Focus Mode	Auto / Semiautomatic / Manual	
Lens	Focal Length	4.7~94mm, 20x Optical Zoom	
	Zoom Speed	Approx,2.3s (Optional Wide-Tele)	
	Angle of View	55.4~2.9 degree (Wide-Tele)	
	Min. Working Distance	10~1000mm (Wide-Tele)	
	Aperture Range	F1.6-F3.5	
Pan and Tilt	Pan / Tilt Range	Pan : 360° endless, Tilt : -5°~ 90°(Auto Flip)	
	Pan / Tilt Speed	Pan Manual Speed : 0.1° ~ 300°/s, Pan Preset Speed : 540°/s Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed : 400°/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	Support	
	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	

Specification

	DETAILS	SDIP-2021(WDR)	SDIP-2011(WDR)
Alarm	Alarm input	7 input	
	Alarm output	2 relay output, alarm response actions configurable	
	Alarm trigger	Motion detection, Audio Expectation 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	
Local Video and Audio	Video output	1.0Vp-p/75Ω, NTSC (or PAL) composite BNC	
	Audio input	1 Mic in/line interface, Line input: 2~2.4V[P-p]; output impedance on Client	
	Audio output	1 Audio output interface, Line level, impedance 600Ω	
Network	Ethernet	10 Base-T / 100 Base-TX, RJ45 connector	
	Max. ImageResolution	1920 x 1080	
	Frame Rate	50Hz : 25fps (1920x1080), 25fps (1280x960), 25fps (1280x720) 60Hz : 30fps (1920x1080), 30fps (1280x960), 30fps (1280x720)	
	Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High Profile	
	SVC	Support	
	ROI encoding	Support	
	Audio Compression	G.711u/G.711a/G.726/MP2L2	
	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE	
	Simultaneous Live View	Up to 10	
	Streams	Triple Stream	
	SD Memory Card	Built-in micro SD/SDHC Slot, up to 32GB support manual/alarm/edge recording	
	User / Host Level	Up to 32 users, 3 levels: Administrator, Operator and User	
	Security Measures	User authentication (ID and PW), Host authentication (MAC address) IP address filtering	
Integration	Application Programming	Open-ended API, support ONVIF, PSIA and GSI	
	Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, support multi-language	
General	RS-485 Protocols	Kodio, Pelco-P, Pelco-D, self-adaptive	
	Power	24VAC, Max 40W	24VAC, Max 25W
	WorkingTemperature	-30°C-65°C(-22°F-149°F)	-10°C-50°C(14°F-122°F)
	Humidity	90% or less	
	Protection Level	IP66 (SDIP-2022WDR, outdoor model) TVS 4,000V lightning protection, surge protection and voltage transient protection 1K 10 (Optional)	
	Dimensions	Ø220x325.5mm (Ø8.66" x 12.81") (Outdoor) Ø183.4x243mm (Ø7.22"x9.57") (Ceiling) Ø245x236mm (Ø9.65"x9.29") (In-Ceiling)	
	Weight (approx.)	Approx. 5kg (11.02lbs)	
	Mount Optio (Outdoor models)	Long-arm wall mount DS-1601ZJ Pole mount : DS1601ZJ-pole;	Corner Mount : DS1601ZJ-corner Power box mount : DS-1634ZJ

Dimension



Available models

SDIP-2022WDR : 24VAC, outdoor
SDIP-2021 WDR: 24VAC, indoor

Accessories

