

ZKS21230

HD1080p PTZ Dome Camera



Key features

IR function:

- 0 Lux minimum illumination
- Up to 120m IR distance
- IR light MTBF reaching up to 30,000 hours

System function:

- 1/3" high performance CMOS, up to 1920x1280 resolution
- $\pm 0.1^\circ$ Preset Accuracy
- Pelco-P/D protocol
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens status after reboot
- Built-in temperature sensor, with display of internal temperature
- Lightning protection, surge protection and voltage transient protection
- IP66 standard
- RS-485 communication diagnosis
- Scheduled PTZ movement

Camera function:

- Auto focus, auto white balance, backlight compensation and auto/manual day & night switch
- Privacy masks programmable
- 3D DNR, digital WDR

PTZ function:

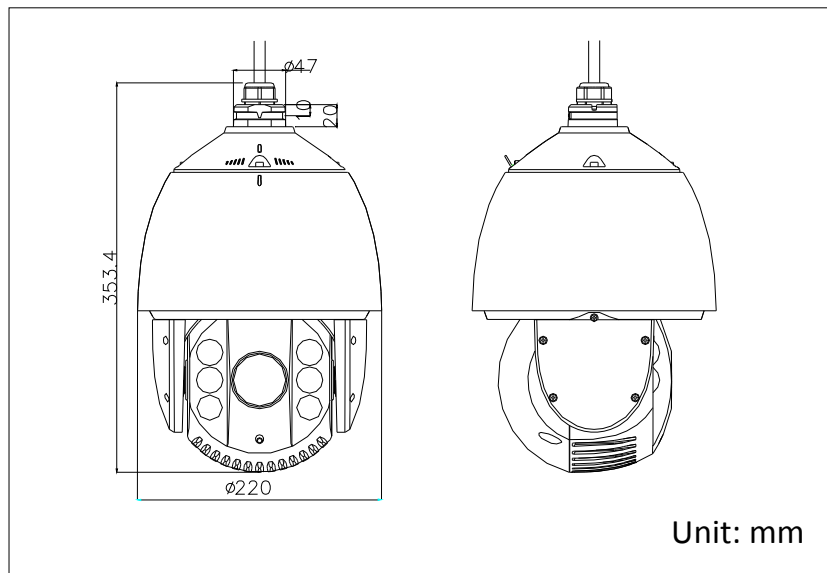
- 360° endless pan range and -15°-90° tilt range
- 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- 256 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol
- 4 patterns, with the total recording time not less than 10 minutes
- Proportional zoom function
- Park action: auto call up of PTZ movement, after a defined time of inactivity

Specifications

Parameter		Model	ZKS21230
			IR HD1080p PTZ Dome Camera
Camera	Image Sensor		1/3" CMOS
	Max. Image Resolution		1920×1080
	Frame Rate		50Hz:25fps(1920×1080) 60Hz:30fps(1920×1080)
	Min. Illumination		Color: 0.02Lux@(F1.6,AGC ON) B/W: 0.002Lux@(F1.6,AGC ON) 0 lux with IR
	White Balance		Auto / Manual / ATW / Indoor / Outdoor
	AGC		Auto / Manual
	S / N Ratio		≥ 50dB
	3D DNR		Support
	Backlight Compensation		Support
	WDR		Digital WDR
	Shutter Time		PAL: 1-1/10,000s NTSC: 1-1/10,000s
	Day & Night		IR Cut Filter
	Digital Zoom		16x
	Privacy Mask		8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Focus Model		Auto / Semiautomatic / Manual	
Lens	Focal Length		4-120mm, 30X
	Zoom Speed		Approx.3.0s(Optical Wide-Tele)
	Angle of View		58-1.7 degree(Wide-Tele)
	Min. Working Distance		10-1500mm (Wide-Tele)
	Aperture		F1.6-F4.4
Pan and Tilt	Pan Range		360° endless
	Pan Speed		Pan Manual Speed: 0.1°-160°/s, Pan Preset Speed: 240°/s
	Tilt Range		-15°-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 total recording time not less than 10 minutes
	Power-off Memory		Support
	Park Action		Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
	PTZ Position Display		On / Off

	Preset Freezing	Support
	Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan
	RS-485 communication diagnosis	Support
Infrared	IR Distance	120m
	IR Intensity	Automatically adjusted, depending on the zoom ratio
Input/ Output	Monitor Output	1 HD1080p output
	RS-485 Interface	Half-duplex mode Pelco-P, Pelco-D protocol
General	Menu Language	English, Chinese
	Power	24VAC Max. 30W(IR: 9W, Heater: 6W)
	Working Temperature / Humidity	-30 °C-65°C(-22°F-149°F) 90% or less
	Protection Level	IP66 standard TVS 4,000V lightning protection, surge protection and voltage transient protection
	Mounting	Various mounting modes optional
	Dimensions	Φ220×353.4mm (Φ8.66"×13.91")
	Weight (approx.)	4.5kg(9.92 lbs)

Dimensions



Order models

- ZKS21230