

ZKS10023

HD720p PTZ Dome Camera



Key features

System function:

- 1/3" high performance CMOS, up to 1280x720 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 (outdoor dome)
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
- 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 zoom
- Digital WDR, EIS

PTZ function:

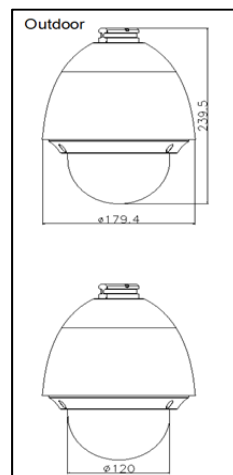
- 360° endless pan range and -2° -90° tilt range
- 160°/s Pan Preset Speed and 120°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- 256 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol
- 4 patterns, with the total recording 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	ZKS10023
Parameter			HD720p PTZ Dome Camera
Camera	Image Sensor		1/3" CMOS
	Effective Pixel		1400K
	Max. Image Resolution		1280×720
	Resolution		50Hz: 50fps(1280×720), 25fps(1280×720) 60Hz: 60fps(1280×720), 30fps(1280×720)
	Min. Illumination		Color: 0.05Lux@(F1.6,AGC ON) B/W: 0.01Lux@(F1.6,AGC ON)
	White Balance		Auto / Manual / ATW / Indoor / Outdoor
	AGC		Auto / Manual
	S / N Ratio		≥ 50dB
	3D DNR		Support
	Digital WDR		Support
	EIS		Support
	Backlight Compensation		Support
	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		4-92mm, 23X
	Zoom Speed		Approx.4.0s(Optical Wide-Tele)
	Angle of View		49-2.2 degree(Wide-Tele)
	Min. Working Distance		10-1000mm (Wide-Tele)
	Aperture		F1.6-F3.7
Pan and Tilt	Pan Range		360° endless
	Pan Speed		Pan Manual Speed: 0.1° -160°/s, Pan Preset Speed: 160°/s
	Tilt Range		-2°-90°(Auto Flip)
	Tilt Speed		Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 120°/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
Input/ Output	Monitor Output	1 HD TVI output (1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC)
	RS-485 Interface	Half-duplex mode Pelco-P, Pelco-D protocol
General	Menu Language	English, Chinese
	Power	24 VAC Outdoor: Max.18 W(heater: 6W) Indoor: Max.12W
	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
	Impact Protection	Outdoor: IEC60068-275Eh, 20J; EN50102, up to IK10
	Mounting	Various mounting modes optional
	Dimensions	Φ179.4×239.5mm (Φ7.06"×9.43")(Outdoor)
	Weight (approx.)	2Kg (4.41lbs) (Outdoor)

Dimensions



Order models

- ZKS10023, 24VAC