

DS-2AE7123TI

E Series IR turbo HD720p 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 1280x720 resolution
- $\pm 0.1^\circ$ Preset Accuracy
- Self-adaptive to HIKVISION, 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
- UTC(Up the Coax) function

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

Application Scenarios

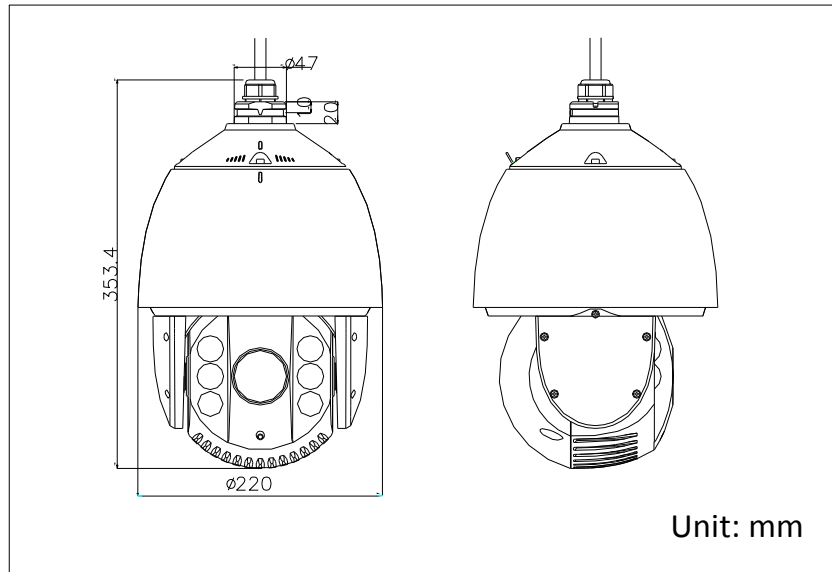
It can be widely applied to places requiring wide-area monitoring display, such as rivers, forests, highways, railways, airports, ports, sentries, squares, parks, scenic sites, streets, stations, large venues, outside of residential areas, etc.

Specifications

Model		DS-2AE7123TI-A: 24VAC, Outdoor
Parameter		E Series IR turbo HD720p PTZ Dome Camera
Camera	Image Sensor	1/3" CMOS
	Max. Image Resolution	1280×720
	Frame Rate	50Hz:25fps(1280×720), 50fps (1280×720) 60Hz:30fps(1280×720), 60fps (1280×720)
	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	4-92mm, 23X
	Zoom Speed	Approx.3.0s(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: 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 turbo HD720p output
	RS-485 Interface	Half-duplex mode Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol
	UTC function	HIKVISION_C *Need UTC controller if DVR don't support UTC function
General	Menu Language	English, Chinese
	Power	24VAC(for -A moel) Max. 30W(IR: 9W, Heater: 6W)
	Working Temperature / Humidity	-30 °C-65°C(-22°F-149°F)(outdoor dome) 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)
	Mount Option (only suitable for outdoor dome)	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount: DS-1602ZJ-box

Dimensions



Order models

- DS-2AE7123TI-A, 24VAC, outdoor

Accessories



DS-1602ZJ Long-arm Wall Mount Bracket