

## DS-2AE4225T-A3(D) 2 MP Turbo 4-Inch Speed Dome



Hikvision DS-2AE4225T-A3(D) Speed Dome is able to capture high quality images in poor light environment. Embedded with HD progressive scan CMOS chip makes WDR, and real-time 1920 × 1080 resolution possible. With the 25× optical zoom Day/Night lens, the camera offers more details over expansive areas.

- 1/2.8" HD progressive scan CMOS
- 1920 × 1080 resolution
- 25× optical zoom, 16× digital zoom
- 120 dB true WDR (Wide Dynamic Range)
- 3D intelligent positioning
- Switchable TVI/AHD/CVI/CVBS video output



## Specification

<b>Camera</b>	
Model	DS-2AE4225T-A3(D)
Image Sensor	1/2.8" progressive scan CMOS
Max. Image Resolution	1920 x 1080
Frame Rate	50Hz: 25fps @(1920 × 1080) 60Hz: 30fps @(1920 × 1080)
Min. Illumination	Color: 0.005Lux @(F1.6, AGC ON) B/W: 0.001Lux @(F1.6, AGC ON)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
AGC	AUTO/MANUAL
DNR	3D DNR
WDR	≥ 120 dB
Shutter Time	PAL: 1/1 s to 1/10,000 s NTSC: 1/1 s to 1/10,000 s
Day & Night	IR cut filter
Digital Zoom	16×
Privacy Mask	8 programmable privacy masks
BLC (Backlight Compensation)	Yes
HLC (highlight Compensation)	Yes
EIS (Electric Image Stabilization)	Yes
Regional Focus	Yes
<b>Lens</b>	
Focus Mode	Auto/Semiauto/Manual
Focal Length	4.8 mm to 120 mm, 25x Optical
Aperture Range	F 1.6 to F 3.5
Field of View	Horizontal field of view: 57.6° to 2.5° (wide to tele) Vertical field of view: 34.4° to 1.4° (wide to tele) Diagonal field of view: 64.5° to 2.9° (wide to tele)
Min. Working Distance	10 mm to 1500 mm (wide to tele)
Zoom Speed	Approx. 3.6 s (optical, wide to tele)
<b>Pan and Tilt</b>	
Pan Range	360° endless
Pan Speed	Pan manual speed: 0.1° to 100°/s Pan preset speed: 100°/s
Tilt Range	-5° to 90° (auto flip)
Tilt Speed	Tilt manual speed: 0.1° to 80°/s Tilt preset speed: 80°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Presets	256
Patrol	10 patrols, up to 32 presets per patrol
Pattern	5 patterns, with the total recording time no less than 10 minutes
Power-off Memory	Yes

Park Action	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/None
PTZ Position Display	ON/OFF
Scheduled Task	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None
Preset Freezing	Yes
<b>Input/Output</b>	
Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
Alarm	2 alarm inputs, 1 alarm output
RS-485 Interface	Half-duplex mode Self-adaptive HIKVISION, Pelco-P, Pelco-D protocols
UTC function	UTC protocol (or HIKVISION-C protocol in previous DVR)
<b>General</b>	
Menu Language	English
Power	24 VAC Max. 14 W
Working Temperature	-10° C to 50° C (14° F to 122° F)
Working Humidity	90% or less
Protection Level	TVS 4,000 V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimension	DS-2AE4225T-A3(D) (indoor): Ø 165 × 179.5 mm (Ø 6.5" × 7.1") DS-2AE4225T-A3(D) (in-ceiling): Ø 165 × 168 mm (Ø 6.5" × 6.6")
Weight (approx.)	2 kg (4.41 lb.)

### Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

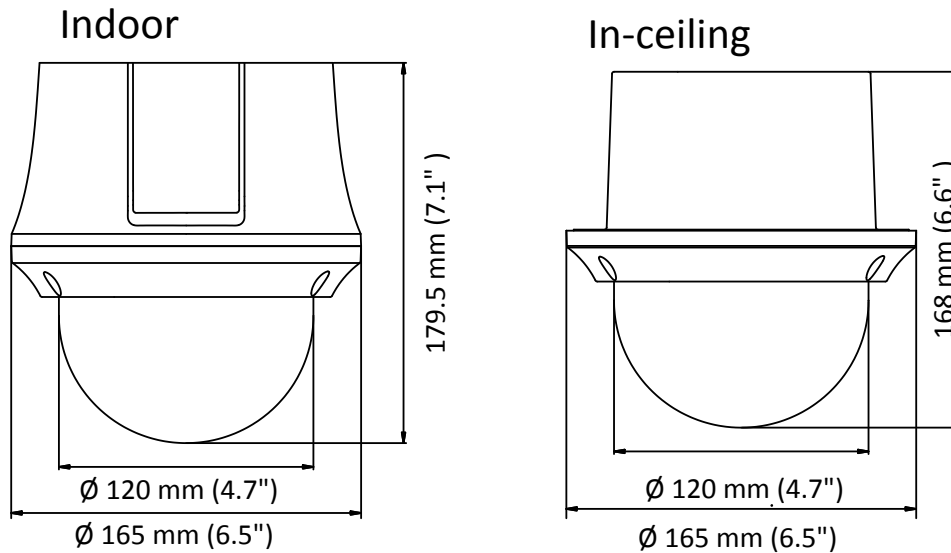
This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

**Order Model**

DS-2AE4225T-A3(D)

**Dimension**



Distributed by



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