



Hikvision DS-2AE5225T-A

5-inch 2 MP 25X Powered by DarkFighter Analog Speed Dome ·
Specification summary



Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON)
Shutter Speed	PAL: 1/1 s to 1/10,000 s NTSC: 1/1 s to 1/10,000 s
Day & Night	IR cut filter
Zoom	25 × optical, 16 × digital
Focal Length	4.8 mm to 120 mm, 25 × optical
FOV	Horizontal FOV: 57.6° to 2.5° (wide to tele) Vertical FOV: 34.4° to 1.4° (wide to tele) Diagonal FOV: 64.5° to 2.9° (wide to tele)
Focus	Auto, semi-auto, manual
Aperture	F1.6 to F3.5
Zoom Speed	Approx. 3.6 s (optical, wide to tele)
Movement Range (Pan)	360° endless
Movement Range (Tilt)	-5° to 90° (auto flip)
Pan Speed	Pan manual speed: 0.1° to 250°/s Pan preset speed: 250°/s
Tilt Speed	Tilt manual speed: 0.1° to 150°/s Tilt preset speed: 150°/s
Proportional Pan	Rotation speed can be adjusted automatically according to zoom multiples
Presets	256
Preset Freezing	Yes
Patrol Scan	10 patrols, up to 32 presets for each patrol
Pattern Scan	5 patterns, record time over 10 minutes for each scan
Park Action	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/None
PTZ Status Display	Yes
Scheduled Task	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None
Power-off Memory	Yes

Frame Rate	50 Hz: 25 fps @(1920 × 1080) 60 Hz: 30 fps @(1920 × 1080)
Protocols	UTC protocol (or HIKVISION-C protocol in previous DVR)
Image Settings	AGC, white balance
Wide Dynamic Range (WDR)	≥ 120 dB
Image Stabilization	EIS
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	8 programmable privacy masks
Regional Focus	Yes
Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
Alarm	2 alarm inputs, 1 alarm output
RS-485	Half-duplex mode Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol
Power	24 VAC, max. 24 W
Dimension	Φ 220 mm × 326 mm (Φ 8.66" × 12.83")
Operating Condition	-30° C to 65° C (-22° F to 149° F). Humidity 90% or less
Language	English
Protection	IP66 (outdoor dome), IK10, TVS 4,000 V lightning protection, surge protection and voltage transient protection

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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