

## DS-2AF7230TI-AW(B) 7-inch 1080p IR Turbo HD Speed Dome



DS-2AF7230TI-AW, 7-Inch IR 1080p analog speed dome, adopts 1/2.8" CMOS sensor. With the 30x optical zoom lens, the camera offers more details over an expansive area.

This series of camera can be widely applied to places like streets, stations, large venues, outside of residential areas, etc..

- 1/2.8" progressive scan CMOS
- Max. image resolution: 1920 × 1080
- Min. illumination: Color: 0.05Lux @ (F1.6, AGC ON); B/W: 0.01Lux @ (F1.6, AGC ON); 0 Lux with IR
- 30x optical zoom, focal length 4.5 mm to 135 mm
- 200 m IR distance
- IR cut filter
- 3D DNR, true WDR
- TVI and CVBS dual output
- Auto-tracking
- IP66



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## Specification

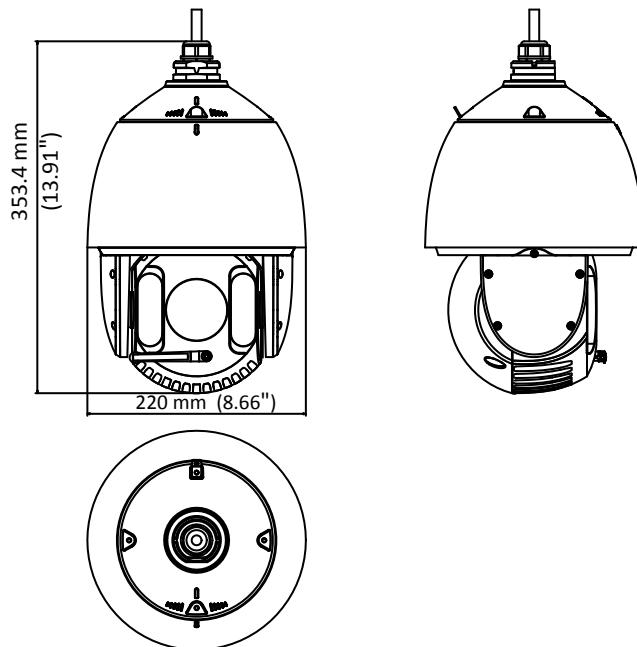
<b>Camera</b>	
Model	DS-2AF7230TI-AW(B)
Image Sensor	1/2.8" progressive scan CMOS
Max. Image Resolution	1920 × 1080
Frame Rate	50Hz: 25fps @ (1920 × 1080) 60Hz: 30fps @ (1920 × 1080)
Min. Illumination	Color: 0.05Lux @ (F1.6, AGC ON) B/W: 0.01Lux @ (F1.6, AGC ON) 0 lux with IR
White Balance	AUTO/HAUTO/ATW/INDOOR/OUTDOOR/SELF DEFINE
AGC	AUTO/MANUAL
S/N Ratio	≥ 52 dB
DNR	3D DNR
WDR	True WDR
Shutter Time	PAL: 1/1 to 1/10,000 s NTSC: 1/1 to 1/10,000 s
Day & Night	IR cut filter
Privacy Mask	4 privacy masks
<b>Lens</b>	
Focus Mode	Auto/Semiauto/Manual
Focal Length	4.5 mm to 135 mm, 30× Optical
Aperture Range	F 1.6 to F 4.4
Angle of View	65.1° to 2.3° (Wide to Tele)
Min. Working Distance	10 mm to 1500 mm (Wide to Tele)
Zoom Speed	Approx. 3.0 s (Optical, Wide to Tele)
<b>Pan and Tilt</b>	
Pan Range	360° endless
Pan Speed	Pan manual speed: 0.1° to 180°/s; Pan preset speed: 180°/s
Tilt Range	-15° to 90° (Auto flip)
Tilt Speed	Tilt manual speed: 0.1° to 120°/s; Tilt preset speed: 120°/s
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Patrol	10 patrols, up to 32 presets per patrol
Pattern	5 patterns, with the total recording time not less than 10 minutes
Power-off Memory	Support
Park Action	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Day Mode/Night Mode/None
PTZ Position Display	ON/OFF
Preset Freezing	Support
Scheduled Task	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Frame Scan/Random Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None
<b>IR</b>	
IR Distance	200 m
Smart IR	Automatically adjusted, depending on the zoom ratio

<b>Input/Output</b>	
Turbo HD Output	1 turbo 1080p output, NTSC (or PAL) composite, BNC
CVBS Output	1.0V[p-p]/75Ω, NTSC (or PAL) composite, BNC
Alarm Input & Output	7-ch alarm input and 2-ch alarm output
RS-485 Interface	Half-duplex mode Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol
UTC function	HIKVISION_C *UTC controller is needed, if DVR don't support UTC function
<b>General</b>	
Menu Language	English, Chinese
Power	24 VAC Max.: 45 W (IR: 15 W; Heater: 5 W)
Working Temperature	Outdoor: -30° C to 65° C (-22° F to 149° F)
Working Humidity	90% or less
Protection Level	IP66 standard (outdoor dome) TVS 6,000 V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimension	Φ 220 mm × 353.4 mm (Φ 8.66" ×13.91")
Weight (approx.)	4.5 kg (9.92 lb.)

## Order Model

DS-2AF7230TI-AW(B)

## Dimensions



## Accessories



DS-1602ZJ

Wall Mounting Bracket

Distributed by



DS-1602ZJ-Pole

Vertical Pole Mounting Bracket



DS-1602ZJ-Corner

Corner Mounting Bracket



DS-1661ZJ

Pendant Mounting Bracket



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