

DS-2AF7223TI-AW

7-inch 1080p IR Turbo HD Speed Dome



DS-2AF7223TI-AW, 7-Inch IR 1080p analog speed dome, adopts 1/2.8" progressive scan CMOS sensor. With the 23× 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
- 23× optical zoom, focal length 4 mm to 92 mm
- 16× digital zoom
- 200 m IR distance
- IR cut filter
- 3D DNR, true WDR
- TVI and CVBS dual output
- Auto-tracking



Specification

Camera	
Model	DS-2AF7223TI-AW
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	Ture 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	8 privacy masks
Digital Zoom	16×
Lens	
Focus Mode	Auto/Semiauto/Manual
Focal Length	4 mm to 92 mm, 23× Optical
Aperture Range	F1.6 to F3.5
Horizontal Field of View	61.4° to 2.9° (Wide to Tele)
Min. Working Distance	10 mm to 1500 mm (Wide to Tele)
Zoom Speed	Approx. 2.7 s (Optical, Wide to Tele)
Pan and Tilt	
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
IR	
IR Distance	200 m
Smart IR	Automatically adjusted, depending on the zoom ratio

Input/Output

Turbo HD Output	1 turbo 1080p output, NTSC (or PAL) composite, BNC
CVBS Output	1.0V[p-p]/75Ω, NTSC (or PAL) composite, BNC
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

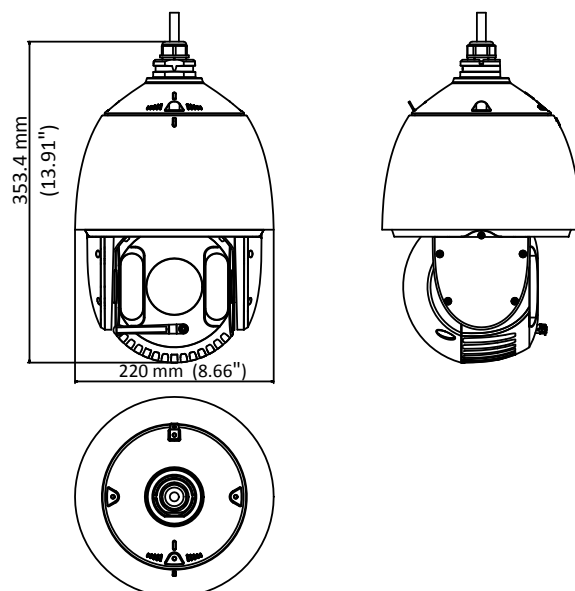
General

Menu Language	English, Chinese
Power	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-2AF7223TI-AW

Dimensions



Accessories



DS-1602ZJ
Wall Mounting Bracket



DS-1602ZJ-Pole
Vertical Pole Mounting Bracket



DS-1602ZJ-Corner
Corner Mounting Bracket



DS-1661ZJ
Pendant Mounting Bracket

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6584-4718
sg@hikvision.com

Hikvision Europe
T +31-23-5542779
sales@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Russia
T +7-495-669-67-99
salesru@hikvision.com

Hikvision Poland
T +48-22-460-01-60
poland@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision India
T +91-22-26469900
sales@pramahikvision.com

Hikvision UK
T +44-1629-9021-4
support.uk@hikvision.com