

**DS-2AE5425ITG
AE PTZ**

- High quality imaging with 4 MP resolution
- Excellent low-light performance via powered-by-DarkFighter technology
- Clear imaging against strong back lighting due to 120 dB WDR technology
- Pan and tilt ability enables camera to monitor zones of interest
- 25x optical zoom allows for closer viewing of subjects in expansive areas
- Up to 150m IR range ensures safety at night
- Water and dust resistant (IP66)

▪ Specification

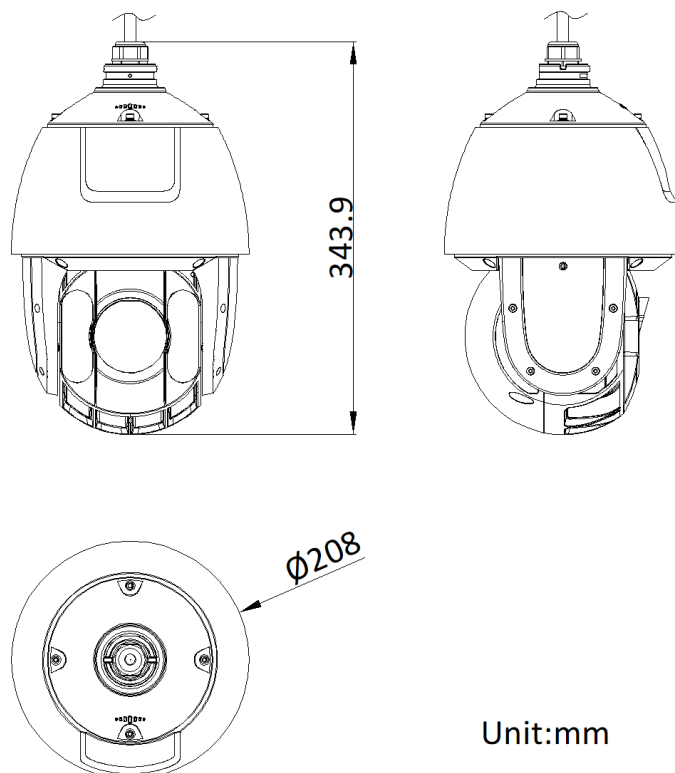
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2560 x 1440
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON) 0 lux with IR
Shutter Speed	PAL: 1/1 s to 1/30,000 s NTSC: 1/1 s to 1/30,000 s
Day & Night	IR cut filter
Zoom	25 × optical, 16 × digital
Lens	
Focal Length	4.8 mm to 120 mm, 25 × optical
FOV	Horizontal field of view: 55° to 2.4° (wide-tele) Vertical field of view: 33° to 1.4° (wide-tele) Diagonal field of view: 61.5° to 2.8° (wide-tele)
Focus	Auto, semi-auto, manual
Aperture	F1.6 to F3.5
Zoom Speed	Approx. 3.6 s (optical, wide to tele)
Illuminator	
Supplement Light Type	IR
Supplement Light Range	150 m
PTZ	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed	Pan manual speed: 0.1° to 120°/s Pan preset speed: 120°/s
Tilt Speed	Tilt manual speed: 0.1° to 80°/s Tilt preset speed: 80°/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/One-touch Patrol/None
Scheduled Task	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None
Power-off Memory	Yes
Video	
Frame Rate	50 Hz: 25 fps @(2560 × 1440) 60 Hz: 30 fps @(2560 × 1440)
Network	
Protocols	UTC protocol (or HIKVISION-C protocol in previous DVR)
Image	
Image Settings	AGC, white balance

Wide Dynamic Range (WDR)	≥ 120 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	8 programmable privacy masks
Interface	
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
General	
Power	36V DC, max. 30 W (IR: 10 W)
Dimension	Φ 208 mm × 343.9 mm (Φ 8.19" × 13.55")
Weight	Approx. 3.3 kg (7.28 lb.)
Operating Condition	-30° C to 65° C (-22° F to 149° F). Humidity 90% or less
Language	English
Approval	
Protection	IP66 (outdoor dome), TVS 4,000 V lightning protection, surge protection and voltage transient protection

▪ Available Model

DS-2AE5425ITG

▪ Dimension



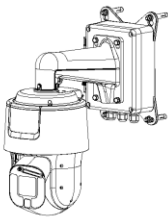
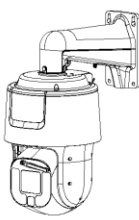
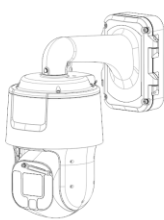
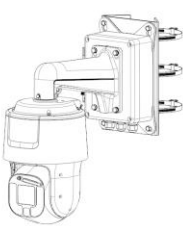
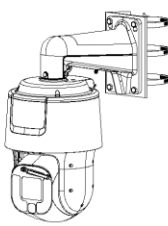
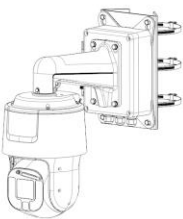
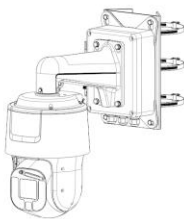
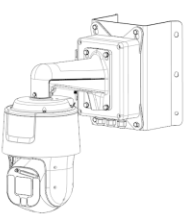
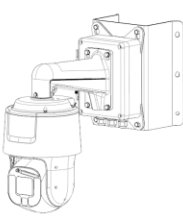
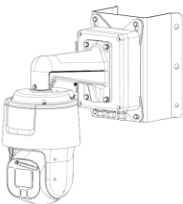
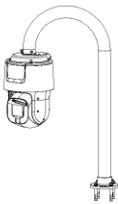
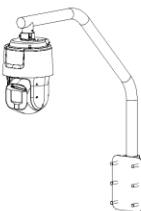
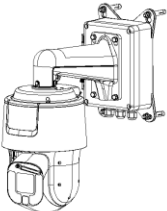
▪ Accessory

▪ Optional

DS-1673ZJ	DS-1604ZJ-box	DS-1662ZJ	DS-4650ZJ-WC	DS-1667ZJ
				
DS-1604ZJ-corner	DS-1684ZJ	DS-1619ZJ	DS-1604ZJ-BOX-CORNER	DS-1660ZJ
				
DS-1276ZJ	DS-1602ZJ	DS-1604ZJ-BOX-POLE	DS-1663ZJ	DS-1661ZJ
				
DS-1604ZJ-pole	DS-4660ZJ-WC	DS-1674ZJ	DS-1604ZJ	
				

▪ Installation Methods

Horizontal Pole Mounting DS-1673ZJ+DS-1662ZJ	Wall Mounting DS-1604ZJ-box	Wall Mounting DS-1602ZJ	Wall Mounting DS-1604ZJ	Pendant Mounting DS-1662ZJ
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Pendant Mounting DS-1667ZJ	Pendant Mounting DS-1663ZJ	Pendant Mounting DS-1661ZJ	Vertical Pole Mounting DS-4650ZJ-WC+DS-1674ZJ+DS-1602ZJ	Vertical Pole Mounting DS-1684ZJ+DS-1602ZJ
				
Vertical Pole Mounting DS-1604ZJ-BOX-POLE	Vertical Pole Mounting DS-1604ZJ-pole	Corner Mounting DS-1604ZJ-corner	Corner Mounting DS-1604ZJ-BOX-CORNER	Corner Mounting DS-1276ZJ+DS-1602ZJ
				
Corner Mounting DS-4660ZJ-WC+DS-1602ZJ+DS-1674ZJ	Gooseneck Mounting DS-1619ZJ	Gooseneck Mounting DS-1660ZJ	Junction Box DS-1674ZJ+DS-1602ZJ	
				

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