

**DS-2AE4225TG  
AE PTZ**

- 1/2.8" HD progressive scan CMOS
- High quality imaging with 1920 × 1080 resolution
- 25 × optical zoom and 16 × digital zoom allows for closer viewing of subjects in expansive areas
- Clear imaging against strong back lighting due to 120 dB WDR technology
- 3D intelligent positioning
- Switchable TVI/AHD/CVI/CVBS video output

## ▪ Specification

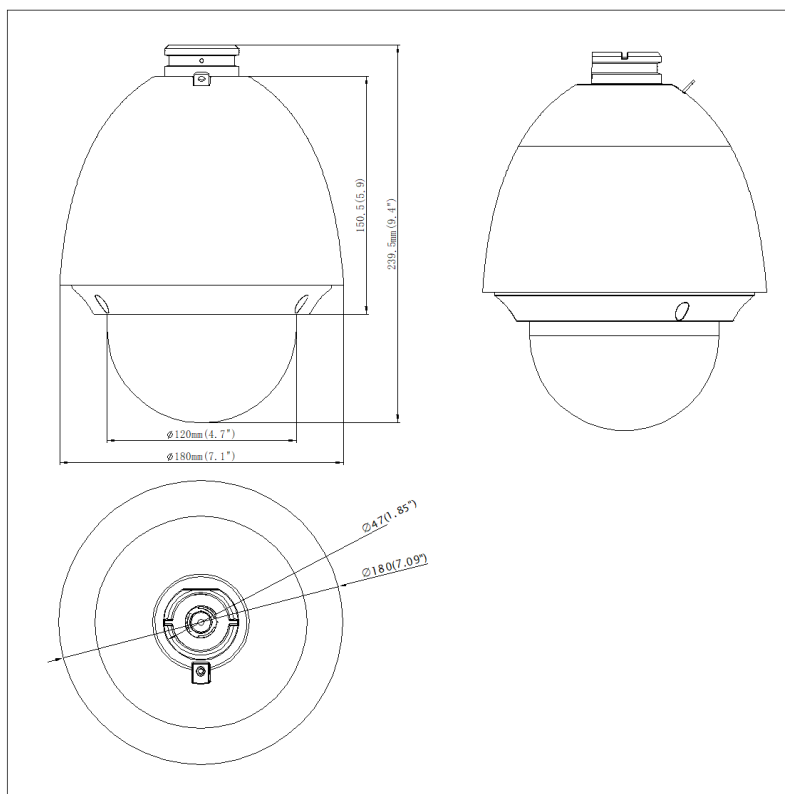
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001 Lux @(F1.6, AGC ON)
Shutter Speed	PAL: 1/1 s to 1/30,000 s NTSC: 1/1 s to 1/30,000 s
Day & Night	IR cut filter
Zoom	25 × optical, 16 × digital
Lens	
Focal Length	4.8 mm to 120 mm, 25 × optical
FOV	Horizontal 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)
PTZ	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	-5° to 90° (auto flip)
Pan Speed	Pan manual speed: 0.1° to 100°/s Pan preset speed: 100°/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 @(1920 × 1080) 60 Hz: 30 fps @(1920 × 1080)
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	12 VDC, max. 16 W
Dimension	Ø 180 × 239.5 mm (Ø 7.1" × 9.4")
Weight	Approx. 2 kg (4.41 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-2AE4225TG

### ▪ Dimension



### ▪ Accessory

### ▪ Optional

DS-1673ZJ

DS-1604ZJ-pole


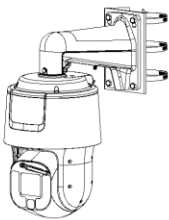
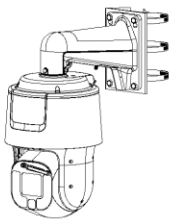
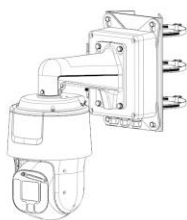
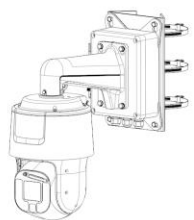
DS-4660ZJ-WC

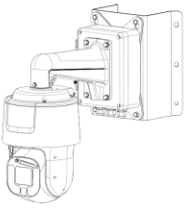
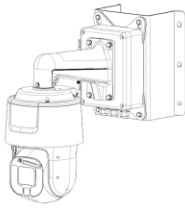
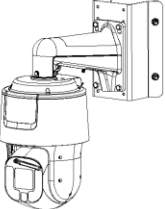
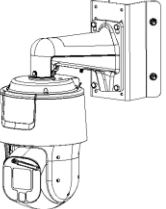

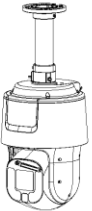

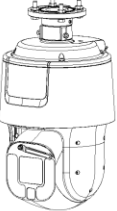
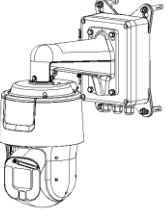
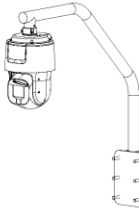
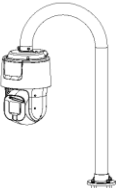
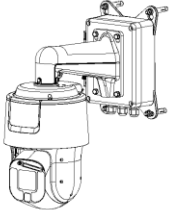
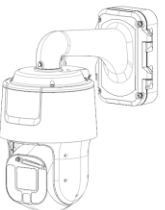
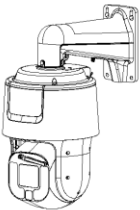
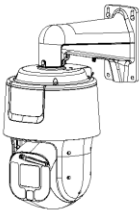
DS-1662ZJ

DS-1684ZJ

				
<b>DS-1674ZJ</b>	<b>DS-1660ZJ</b>	<b>DS-1604ZJ-BOX-CORNER</b>	<b>DS-1604ZJ-BOX-POLE</b>	<b>DS-1604ZJ-box</b>
				
<b>DS-1604ZJ-corner</b>	<b>DS-1661ZJ</b>	<b>DS-4650ZJ-WC</b>	<b>DS-1619ZJ</b>	<b>DS-1604ZJ</b>
				
<b>DS-1667ZJ</b>	<b>DS-1276ZJ</b>	<b>DS-1663ZJ</b>	<b>DS-1602ZJ</b>	<b>DS-1618ZJ</b>
				

**Installation Methods**

<b>Horizontal Pole Mounting</b>	<b>Vertical Pole Mounting</b>	<b>Vertical Pole Mounting</b>	<b>Vertical Pole Mounting</b>	<b>Vertical Pole Mounting</b>
<b>DS-1673ZJ+DS-1663ZJ</b>	<b>DS-1604ZJ-pole</b>	<b>DS-1684ZJ+DS-1602ZJ</b>	<b>DS-1604ZJ-BOX-POLE</b>	<b>DS-4650ZJ-WC+DS-1602ZJ+DS-1674ZJ</b>
				

<p><b>Corner Mounting</b> DS-4660ZJ-WC+DS-1602ZJ+DS-1674ZJ</p>	<p><b>Corner Mounting</b> DS-1604ZJ-BOX-CORN ER</p>	<p><b>Corner Mounting</b> DS-1604ZJ-corner</p>	<p><b>Corner Mounting</b> DS-1276ZJ+DS-1602ZJ</p>	<p><b>Pendant Mounting</b> DS-1662ZJ</p>
				
<p><b>Pendant Mounting</b> DS-1661ZJ</p>	<p><b>Pendant Mounting</b> DS-1667ZJ</p>	<p><b>Pendant Mounting</b> DS-1663ZJ</p>	<p><b>Junction Box</b> DS-1674ZJ+DS-1602ZJ</p>	<p><b>Gooseneck Mounting</b> DS-1660ZJ</p>
				
<p><b>Gooseneck Mounting</b> DS-1619ZJ</p>	<p><b>Wall Mounting</b> DS-1604ZJ-box</p>	<p><b>Wall Mounting</b> DS-1604ZJ</p>	<p><b>Wall Mounting</b> DS-1602ZJ</p>	<p><b>Wall Mounting</b> DS-1618ZJ</p>
				

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

