Hikvision DS-2AE4215T-D3(D) PTZ Dome Cameras are able to capture high quality images. The embedded CMOS chip makes WDR, and real-time 1920 × 1080 resolution possible. With the help of the 15× optical zoom, and IR cut filter, the camera offers more details over an expansive area.

- 1/2.8” HD progressive scan CMOS
- 1920 × 1080 resolution
- 15× optical zoom, 16× digital zoom
- 120 dB true WDR (Wide Dynamic Range)
- 3D intelligent positioning
- Switchable TVI/AHD/CI/CVI/CVBS video output
### Specification

<table>
<thead>
<tr>
<th>Camera</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>DS-2AE421ST-D3(D)</td>
</tr>
<tr>
<td>Image Sensor</td>
<td>1/2.8&quot; progressive scan CMOS</td>
</tr>
<tr>
<td>Max. Image Resolution</td>
<td>1920 × 1080</td>
</tr>
</tbody>
</table>
| Frame Rate | 50Hz: 25fps @(1920 × 1080)  
60Hz: 30fps @(1920 × 1080) |
| Min. Illumination | Color: 0.005 Lux @(F1.6, AGC ON)  
B/W: 0.001 Lux @(F1.6, AGC ON) |
| White Balance | AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR |
| AGC | AUTO/MANUAL |
| DNR | 3D DNR |
| WDR | ≥ 120 dB |
| Shutter Time | PAL: 1/1 s to 1/10,000 s  
NTSC: 1/1 s to 1/10,000 s |
| Day & Night | IR cut filter |
| Digital Zoom | 16x |
| Privacy Mask | 8 programmable privacy masks |
| BLC (Backlight Compensation) | Yes |
| HLC (highlight Compensation) | Yes |
| EIS (Electric Image Stabilization) | Yes |
| Regional Focus | Yes |

<table>
<thead>
<tr>
<th>Lens</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus Mode</td>
<td>Auto/Semiauto/Manual</td>
</tr>
<tr>
<td>Focal Length</td>
<td>5 mm to 75 mm, 15x Optical</td>
</tr>
<tr>
<td>Aperture Range</td>
<td>F 1.6 to F 3.5</td>
</tr>
</tbody>
</table>
| Field of View | Horizontal field of view: 53.8° to 4.0° (wide to tele)  
Vertical field of view: 31.9° to 2.3° (wide to tele)  
Diagonal field of view: 60.4° to 4.6°(wide to tele) |
| Min. Working Distance | 10 mm to 1500 mm (wide to tele) |
| Zoom Speed | Approx. 2.4 s (optical, wide to tele) |

<table>
<thead>
<tr>
<th>Pan and Tilt</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pan Range</td>
<td>360° endless</td>
</tr>
</tbody>
</table>
| Pan Speed | Pan manual speed: 0.1° to 100°/s  
Pan preset speed: 100°/s |
| Tilt Range | -5° to 90° (auto flip) |
| Tilt Speed | Tilt manual speed: 0.1° to 80°/s  
Tilt preset speed: 80°/s |
<p>| Proportional Zoom | Rotation speed can be adjusted automatically according to zoom multiples |
| Presets | 256 |
| Patrol | 10 patrols, up to 32 presets per patrol |
| Pattern | 5 patterns, with the total recording time no less than 10 minutes |
| Power-off Memory | Yes |</p>
<table>
<thead>
<tr>
<th><strong>Park Action</strong></th>
<th>Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/None</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PTZ Position Display</strong></td>
<td>ON/OFF</td>
</tr>
<tr>
<td><strong>Preset Freezing</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Scheduled Task</strong></td>
<td>Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None</td>
</tr>
</tbody>
</table>

**Input/Output**

| **Video Output** | Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC) |
| **Alarm** | 2 alarm input, 1 alarm output |
| **RS-48S Interface** | Half-duplex mode  
Self-adaptive HIKVISION, Pelco-P, Pelco-D protocols |
| **UTC function** | UTC protocol (or HIKVISION-C protocol in previous DVR) |

**General**

| **Menu Language** | English |
| **Power** | 12V DC  
Max. 12 W |
| **Working Temperature** | -10° C to 50° C (14° F to 122° F) |
| **Working Humidity** | 90% or less |
| **Protection Level** | TVS 4,000 V lightning protection, surge protection and voltage transient protection |
| **Mounting** | Various mounting modes optional |
| **Dimension** | DS-2AE4215T-D3(D) (Indoor): Ø 165 mm × 179.5 mm (Ø 6.5" × 7.1")  
DS-2AE4215T-D3(D) (In-ceiling): Ø 165 × 168 mm (Ø 6.5" × 6.6") |
| **Weight (approx.)** | 2 kg (4.41 lb.) |
Order Model
DS-2AE4215T-D3(D)

Dimension

Indoor

- Ø 120 mm (4.7”)
- Ø 165 mm (6.5”)

Incencing

- Ø 120 mm (4.7”)
- Ø 165 mm (6.5”)

179.5 mm (7.1”)

168 mm (6.6”)

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