The Hikvision DS-2AE5164-A is a 23x PTZ camera. Offering 700TVL and excellent low light performance. The camera comes in an attractive external IP66 rated housing and is an ideal choice where budget is limited.

### FEATURES:
- 1/3" Sony CCD
- 700TVL horizontal resolution
- 23X optical zoom, 16X digital zoom
- True Day/Night
- Digital WDR
- 3D intelligent positioning

### SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>1/3'' Sony CCD</td>
</tr>
<tr>
<td>Effective Pixel</td>
<td>PAL: 976(H) x 582(V)</td>
</tr>
<tr>
<td>Horizontal Resolution</td>
<td>Colour: 700 TVL, B/W: 750 TVL</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>Colour: 0.02Lux/(F1.6, AGC ON), 0.0008Lux/(F1.6, AGC ON, sensitivity x 256)</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto / Manual / ATW / Indoor / Outdoor</td>
</tr>
<tr>
<td>AGC</td>
<td>Auto / Manual</td>
</tr>
<tr>
<td>S / N Ratio</td>
<td>≥ 50dB</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>PAL: 1 ~1/10,000s</td>
</tr>
<tr>
<td>Digital Noise Reduction</td>
<td>DNR</td>
</tr>
<tr>
<td>Wide Dynamic Range</td>
<td>128X DigitalWDR</td>
</tr>
<tr>
<td>Day &amp; Night</td>
<td>IR Cut Filter</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>16X</td>
</tr>
<tr>
<td>Privacy Masking</td>
<td>Up to 8 zones, maximum 8 zones on a same image, multiple colours and mosaics</td>
</tr>
<tr>
<td>Focus Model</td>
<td>Auto / Semiautomatic / Manual</td>
</tr>
<tr>
<td>Focal Length</td>
<td>4 ~ 92mm, 23X</td>
</tr>
<tr>
<td>Zoom Speed</td>
<td>Approx 4.0s (Optical Wide-Tele)</td>
</tr>
<tr>
<td>Angle of View</td>
<td>57.58° ~ 3.12° (Wide-Tele)</td>
</tr>
<tr>
<td>Min. Working Distance</td>
<td>10 ~ 1000mm (Wide-Tele)</td>
</tr>
<tr>
<td>Aperture</td>
<td>F1.6 ~ F3.7</td>
</tr>
<tr>
<td>Pan and Tilt Range</td>
<td>Pan: 360° endless; Tilt: -5° ~ 90° (Auto Flip)</td>
</tr>
<tr>
<td>Pan and Tilt Speed</td>
<td>Pan Manual Speed: 0.1° ~ 250°/s, Pan Preset Speed: 300°/s; Tilt Manual Speed: 0.1° ~ 150°/s, Tilt Preset Speed: 200°/s</td>
</tr>
<tr>
<td>Proportional Zoom</td>
<td>Rotation speed can be adjusted automatically according to zoom multiples</td>
</tr>
<tr>
<td>Number of Preset</td>
<td>255</td>
</tr>
<tr>
<td>Patrol</td>
<td>8 patrols, up to 32 presets per patrol</td>
</tr>
<tr>
<td>Pattern</td>
<td>4 patterns, with the total recording time not less than 10 minutes</td>
</tr>
<tr>
<td>Power-off Memory</td>
<td>Support</td>
</tr>
<tr>
<td>Park Action</td>
<td>Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan</td>
</tr>
<tr>
<td>PTZ Position Display</td>
<td>On / Off</td>
</tr>
<tr>
<td>Compass</td>
<td>Support, the north can be set</td>
</tr>
<tr>
<td>Scheduled Task</td>
<td>Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan / Day / Night</td>
</tr>
<tr>
<td>INPUT / OUTPUT</td>
<td>Video Output 1.0 V[p-p] / 750, PAL / NTSC composite, BNC</td>
</tr>
<tr>
<td>GENERAL</td>
<td>HIKVISION, Pelco-P, Pelco-D, self-adaptive</td>
</tr>
<tr>
<td>RS-485 Protocols</td>
<td>ZC160AC, Max 20W</td>
</tr>
<tr>
<td>Power</td>
<td>-30°C ~ 65°C (-22°F ~ 149°F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>90% or less</td>
</tr>
<tr>
<td>Protection Level</td>
<td>IP66 (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Ø220 x 305mm (88.66&quot; x 12.00&quot;) (outdoor)</td>
</tr>
<tr>
<td></td>
<td>Ø183.4 x 243mm (7.22&quot; x 9.56&quot;) (Ceiling)</td>
</tr>
<tr>
<td></td>
<td>Ø245 x 236mm (9.65&quot; x 9.29&quot;) (In-ceiling)</td>
</tr>
<tr>
<td>Weight [approx.]</td>
<td>5Kg (11.02Ibs)</td>
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</tbody>
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