Key Features

- 2 megapixel high performance CMOS
- Analog HD output, up to 1080p resolution
- Day/Night switch
- Smart IR
- Up to 20 m IR distance
- Switchable TVI/AHD/CVI/CVBS
- IP66
### Specifications

<table>
<thead>
<tr>
<th>Camera</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>2MP CMOS Image Sensor</td>
</tr>
<tr>
<td>Signal System</td>
<td>PAL/NTSC</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>1920 (H) × 1080 (V)</td>
</tr>
<tr>
<td>Min. illumination</td>
<td>0.01 Lux@(F1.2, AGC ON), 0 Lux with IR</td>
</tr>
<tr>
<td>Shutter Time</td>
<td>1/25 (1/30) s to 1/50,000 s</td>
</tr>
</tbody>
</table>
| Lens | 2.8 mm, 3.6 mm, 6 mm optional  
Field of view: 103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm) |
| Lens Mount | M12 |
| Day & Night | ICR |
| Angle Adjustment | Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360° |
| Synchronization | Internal synchronization |
| Video Frame Rate | 1080p@25fps/1080p@30fps |
| HD Video Output | 1 analog HD output |
| S/N Ratio | >62 dB |

<table>
<thead>
<tr>
<th>General</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Conditions</td>
<td>-40 °C to 60 °C (-40 °F to 140 °F), Humidity 90% or less (non-condensation)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>12 V DC ± 15%</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>Max. 4 W</td>
</tr>
<tr>
<td>Protection Level</td>
<td>IP66</td>
</tr>
<tr>
<td>IR Range</td>
<td>Up to 20 m</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Φ 70 mm × 154.5 mm (2.76&quot; × 6.08&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>400 g (0.88 lb.)</td>
</tr>
</tbody>
</table>

**Order Model**

DS-2CE1AD0T-IRPF
Dimensions

Accessories

DS-1280ZJ-XS
Junction Box

DS-1H18
Video Balun

X41T
Camera Tester

Distributed by

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

Hikvision Poland
T: +48-22-460-01-50
poland@hikvision.com

Hikvision USA
T: +1-908-895-0400
sales.usa@hikvision.com

Hikvision India
T: +91-22-28469000
sales@pramahikvision.com

Hikvision UK
T: +44-1628-8021-4
support.uk@hikvision.com

Hikvision Europe
T: +31-23-5542770
sales.euro@hikvision.com

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

Hikvision Singapore
T: +65-6884-0718
sg@hikvision.com

Hikvision Middle East
T: +971-4-4801686
salesme@hikvision.com

Hikvision France
T: +33(0)1-45-336-444
info.fr@hikvision.com

Hikvision Oceanía
T: +52-2-6598-4233
salesmx@hikvision.com

Hikvision Russia
T: +7-495-669-87-99
salaru@hikvision.com

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

Hikvision Hong Kong
T: +852-2151-1781

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