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>
<tr>
<td>Lens</td>
<td>2.8 mm, 3.6 mm, 6 mm optional</td>
</tr>
<tr>
<td>Field of view:</td>
<td>103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm)</td>
</tr>
<tr>
<td>Lens Mount</td>
<td>M12</td>
</tr>
<tr>
<td>Day &amp; Night</td>
<td>ICR</td>
</tr>
<tr>
<td>Angle Adjustment</td>
<td>Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°</td>
</tr>
<tr>
<td>Synchronization</td>
<td>Internal synchronization</td>
</tr>
<tr>
<td>Video Frame Rate</td>
<td>1080p@25fps/1080p@30fps</td>
</tr>
<tr>
<td>HD Video Output</td>
<td>1 analog HD output</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>&gt;62 dB</td>
</tr>
</tbody>
</table>

<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 (Φ 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-2CE16D0T-IRF
Dimensions

Φ 70 mm (2.76“)
Φ 55 mm (2.17“)
3-Φ 4.2 mm (0.17“)
58.5 mm (2.3“)
154.5 mm (6.08“)

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: +86-571-8807-5898
overseasbusiness@hikvision.com

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

Hikvision India
T: +91-22-28469000
sales@pi.in@hikvision.com

Hikvision UK
T: +44-1828-8021-4
support.uk@hikvision.com

Hikvision Europe
T: +31-23-5542770
sales@europe@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: +971-4-8816886
salesme@hikvision.com

Hikvision France
T: +33(0)1-45-530-64
info.fr@hikvision.com

Hikvision Oceania
T: +61-2-8599-4233
salesau@hikvision.com

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

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

Hikvision Hong Kong
T: +852-2151-1761

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