Through the use of high-specification flasks, advanced electronics and state-of-the-art temperature management technology, the Optis® R150 system offers a step change over the monochrome, low frame rate, high temperature cameras currently on the market. High resolution, high frame rate video is now possible in well environments of 150 °C for up to 6 hours.

EV’s bespoke telemetry system also allows multiple wellbore measurements to be acquired simultaneous to video footage. EV are in a unique position to offer real-time, surface read-out measurements of wellbore pressure, temperature, gamma ray and casing collar locator simultaneously with video, hence providing a robust and complete solution to well diagnosis problems. The Optis® R150 can also be deployed on e-coil and e-line tractor operations, providing vision to high risk interventions.

The modular design means that the Optis® R150 camera can be run with sideview, downview or both. This capability along with the addition of wellbore measurements put EV’s Optis® R150 camera to the forefront of downhole video technology.

**Features:**
- Downview and sideview colour cameras available for full wellbore coverage
- Telemetry tune feature allows the service to be run on a wide variety of cable types and lengths
- Combainable with pressure, temperature, gamma ray and casing collar locator sensors which can be recorded simultaneously with Optis® R150 camera or Multi-Finger Caliper data
- Deployable on e-line, e-line tractors or e-coil

**Benefits:**
- High resolution, high frame rate, colour video at up to 150 °C
- Increased operational efficiency by combining two or more services in a single run
- High quality images and videos even in marginal fluid conditions

**Applications:**
- Mechanical inspection of wellbore hardware such as upper and lower completion components
- Imaging of dropped/stuck objects such as wellbore fish
- Inspection and monitoring of corrosion and erosion
- Salt, scale and hydrate identification
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>1.7 in 43.0 mm</td>
</tr>
<tr>
<td>Length*</td>
<td>203.5 in 5167.6 mm</td>
</tr>
<tr>
<td>Pressure rating</td>
<td>15,000 psi 1034 bar</td>
</tr>
<tr>
<td>Temperature rating</td>
<td>302 °F (up to 6 hours) 150 °C (up to 6 hours)</td>
</tr>
<tr>
<td>Camera Type</td>
<td>Downview (Colour) &amp; 360° Motorised Sideview (Colour)</td>
</tr>
<tr>
<td>Video Frame Rate</td>
<td>up to 25 fps</td>
</tr>
<tr>
<td>Logging Modes</td>
<td>Continuous real time transmission to surface</td>
</tr>
</tbody>
</table>

*Example tool string

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**Diagram:**

[Diagram of tool string with various components labeled: Power Supply Module, Telemetry, Centraliser, Motor, Sideview Camera (Colour), Downview Camera (Colour), etc.]