STERIS’s **HD Camera Module is a High-Definition block camera.** This HD camera can be mounted as an optional component in STERIS’s XLED®* and Harmony LED lighting systems. This integrated video camera maintains the optical and mechanical performance of the lighting system while providing an unobstructed view of the surgical site. Its high-quality video images enable you to document surgical procedures for a variety of applications, including teaching and archival purposes.

*The HD Camera is compatible with XLED2 and XLED3 surgical lighting*
The camera module is designed for quick, tool-free attachment or removal from the lighthead, allowing a single camera to be shared among multiple lighting systems.

**MUST HAVE ACCESSORIES**

A sterile disposable camera cover is available (with an integral clear lens) to maintain the video signal quality while allowing members of the surgical team to grasp the camera module to aim the camera or adjust the pattern size or intensity of the light. Ref. LB54

The compact camera is protected in an aluminum housing. A glass lens provides a clear video image while impeding ingress of dust and fluids.

The STERIS surgical-grade monitors provide impressive image quality, with excellent vivid colour rendering. Ref. RLM26HDT

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**CLEANING**

The **HD Camera Module contains delicate electronics which** may suffer damage if immersed in liquid or exposed to temperatures above 50°C. Therefore, the camera module is not suitable for liquid or steam sterilization. The outer surface, however, can be cleaned with chemicals recommended by STERIS (see OPERATOR MANUAL).

**STANDARDS**

All components of the lighting system meet the applicable requirements of the following standards and/or regulations and carry the appropriate symbols:

- CSA 22.2 No. 601.1-M90, standard for Electro-Medical Equipment.
- AAMI 11607: 1997, Packaging for Terminally Sterilized Medical Devices. (Sterility.)

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**Technical characteristics**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor</td>
<td>1/3 type HD CMOS</td>
</tr>
<tr>
<td>Resolution</td>
<td>Approx 2,000,000 pixels</td>
</tr>
<tr>
<td>Digital zoom</td>
<td>12x (120x with optical zoom)</td>
</tr>
<tr>
<td>Focus</td>
<td>Auto</td>
</tr>
<tr>
<td>White balance</td>
<td>Auto / manual</td>
</tr>
<tr>
<td>Brightness</td>
<td>Auto / manual</td>
</tr>
<tr>
<td>Video signal</td>
<td>HD: 1080i/59.94, 1080i/50, 720p/59.94, 720p/50</td>
</tr>
<tr>
<td>SN Ratio</td>
<td>50 dB or more</td>
</tr>
<tr>
<td>Electronic shutter</td>
<td>1/2 to 1/10000 sec.</td>
</tr>
<tr>
<td>Video output</td>
<td>HD: analog component (Y/Pb/Pr)</td>
</tr>
</tbody>
</table>

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**STERIS**

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