

*Brandon Medical are SONY Specialist Dealers for their range of Healthcare Technology.*

*SONY Professional cameras are ideally suited to medical applications. They have extremely high picture sensitivity and accurate contrast controls and can be positioned either inside the operating theatre light or on a stand-alone arm.*

### High Quality Recording

The camera records in 440,000 pixels (approx.), producing clear & well defined images of surgery.

### Digital Zoom

Useful for recording / monitoring intricate procedures, the camera's zoom can be digitally magnified up to 72x (18x optical + 4x digital)

### High Sensitivity

Specialised exposure controls are used to cope with the extreme conditions imposed by surgical lighting, where the camera can either be positioned directly in the centre of a bright light field or around the edges of the illuminated area.

### Remote Controls

Focus and Iris controls are automatically handled by the camera, with the remote console housing manual controls for the Zoom and White Balance. The Focus and Iris can also be controlled manually if needed.



Certain procedures can require the camera to be mounted on a separate arm, allowing the camera to be positioned independently of the lamp head.

This option is available using a 3<sup>rd</sup> ceiling arm, meaning the entire unit can be mounted on a single ceiling fixing.

A separate camera arm allows for much easier upgrading of the camera system as it can be done independently of the theatre lighting.

## Technical Specifications

Image Sensor	¼ type Super HAD CCD
Number of Effective Pixels (H x V)	Approx 440,000 pixels
Lens	18x zoom, f = 4.1mm (wide) to 73.8mm (tele), F1.4 to F3.0
Digital Zoom	4x (72x with optical zoom)
Angle of View (H)	48° (wide end) to 2.7° (tele end)
Minimum Working Distance	10mm (wide end), 800mm (tele end)
Sync. System	Internal
Minimum Illumination	1.0 lx
Video Output	SVHS Composite Video (Y/C Output)
Flicker Cancel	Auto



In this configuration the camera is mounted directly into a central pod on the Galaxy Ultra lamp head

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**SONY**

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