VISERA 4K UHD CAMERA CONTROL UNIT

OTV-S400

The Core of Full 4K Image Reproduction.
OTV-S400 – CAMERA CONTROL UNIT

### Specifications

<table>
<thead>
<tr>
<th>Power Supply</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>100-120V / 220-240V AC; within ±10%</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>50/60 Hz; within ±1 Hz</td>
</tr>
<tr>
<td>Rated input</td>
<td>350 VA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (maximum)</td>
<td>390 (W) × 160 (H) × 506 (D) mm</td>
</tr>
<tr>
<td>Weight</td>
<td>13.5 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Observation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal system</td>
<td>Corresponds to the 4K and HD</td>
</tr>
<tr>
<td>Signal output (resolution)</td>
<td>4096 × 2160, 3840 × 2160, or 1920 × 1080 can be selected</td>
</tr>
<tr>
<td>Signal output (transmission method)</td>
<td>3G-SDI or HD-SDI can be selected</td>
</tr>
<tr>
<td>White balance adjustment</td>
<td>Available</td>
</tr>
<tr>
<td>Standard color chart output</td>
<td>The “Color bar” screen can be displayed</td>
</tr>
<tr>
<td>Color tone adjustment</td>
<td>Red adjustment ±8 steps, Blue adjustment ±8 steps, Chroma adjustment ±8 steps</td>
</tr>
<tr>
<td>Automatic gain control (AGC)</td>
<td>The image can be electrically amplified when the light is inadequate due to the distal end of the endoscope being too far from the object</td>
</tr>
<tr>
<td>Contrast</td>
<td>Normal (Normal image), High (Darks the dark part and brightens the bright part compared to normal), Low (Brightens the dark part and darkens the bright part compared to normal)</td>
</tr>
<tr>
<td>Iris Area</td>
<td>Auto, Center (Center-weighted measuring)</td>
</tr>
<tr>
<td>Image enhancement settings</td>
<td>Fine patterns or edges in the endoscopic images can be enhanced electrically to increase the image sharpness, Either the structural enhancement or edge enhancement can be selected according to the user setup</td>
</tr>
<tr>
<td>NBI observation</td>
<td>This observation uses the narrow band observation light</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Documentation</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Displaying the record state</td>
<td>The recording state of the video recorder can be displayed on the monitor</td>
</tr>
<tr>
<td>Displaying the image information</td>
<td>The following data can be displayed on the monitor: - Zoom ratio / One-touch auto focus / Observation mode / NBI observation mode</td>
</tr>
<tr>
<td>User presets</td>
<td>Up to 10 user presets can be registered</td>
</tr>
<tr>
<td>Memorization of selected settings</td>
<td>The following settings are held in memory even after the video system center is turned OFF: - System settings / Color tone / Color mode / Contrast / Enhancement / White balance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (electro-medical equipment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of protection against electric shock</td>
<td>Class I</td>
</tr>
<tr>
<td>Degree of protection against electric shock of applied part</td>
<td>TYPE BF applied part</td>
</tr>
<tr>
<td>Degree of protection against explosion</td>
<td>The camera control unit should be kept away from flammable gases</td>
</tr>
</tbody>
</table>

### 4K High-Quality Image Processing
- Wide color gamut
- 16-axial color-phase adjustment (more precise color setting based on surgeon’s preference)
- Improved AE (automatic exposure) function

### Improved Operability
- Touch panel enables adjustments during procedure
- Easy registrations and loading of user presets

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**Specifications**

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.