VISERA ELITE II VIDEO SYSTEM CENTER

OTV-S300

All-in-One 2D/3D Processor and Light Source
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- Capable of both 2D and 3D observation
- Compact system for simplified work flow

LCD Touch Panel

- Intuitive handling and setup
- Presets allow easy preparation and maintenance

LED Light Source

- Reduction in running costs thanks to the long lifetime of the LEDs
- Excellent natural color reproduction with the combination of an enhanced imaging process

Special Light Observation

- NBI and two modes of IR observation

Specifications

<table>
<thead>
<tr>
<th>Power Supply</th>
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<tbody>
<tr>
<td>Rated voltage</td>
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<tr>
<td>Rated frequency</td>
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<tr>
<td>Rated input</td>
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</tbody>
</table>

Size:

- Dimensions (maximum) 383 (W) × 199 (H) × 506 (D) mm
- Weight 19.3 kg

Observation:

- Analog signal output VBS composite and Y/C; simultaneous outputs possible
- 2D digital signal output 3G-SDI (SMPTE424M), HD-SDI (SMPTE292M), DVI (WUXGA, 1080 pixels, or SXGA can be selected)
- 3D digital signal output 3G-SDI Level B (SMPTE424M), DVI-D (WUXGA or 1080 pixels can be selected, and SIDE BY SIDE or LINE BY LINE can be selected)
- Record output signal Recording format of the video signal output to the video recorder can be switched.
  - Video signal: Select from “3G-SDI” or “HD-SDI”
  - HD-SDI recording format: Select from “Same as monitor output”, “Always 2D”, and “Always 3D”
  - 3G-SDI recording format: Select from “Always 3D” and “Same as monitor output”

Electronic zoom:

- 2D 3 modes (1.0×, 1.2×, 1.5×)
- 3D 2 modes (1.0×, 1.2×)

Optical-digital observation:

- The optical-digital observation can be performed. The endoscope compatible with the optical-digital observation is required.
- NBI observation: This observation mode uses narrow-band light
- IR observation: This observation mode uses infrared light

Remote control:

- The following ancillary equipment can be controlled (specified models only):
  - Portable memory / Video recorder / Video printer / Image filing system

Recording format and number of recorded images in internal memory:

- TIFF: no compression Approx. 120 images
- JPEG (1/5): Approx. 1/5 compression Approx. 636 images
- JPEG (1/10): Approx. 1/10 compression Approx. 1108 images

These are the numbers of the recorded images when both HDTV and SDTV images are recorded. These numbers vary depending on the images.

Examination lamp:

- LED

Illumination:

- Providing maximum light intensity Less than 5.64 W (approximately same as Olympus light source that is mounted xenon short-arc lamp 300 W)
- Observation mode: WUJ or NBI observation
- IR observation (when connected to CLV-S200-IR)

Automatic brightness adjustment:

- Automatic brightness adjustment method: LED drive current control
- Automatic exposure: 17 steps
- Brightness mode: Auto / Manual

Classification (Medical Electrical Equipment):

- Type of protection against electric shock: Class I
- Degree of protection against electric shock of applied part: Depends on applied part. Also refer to applied part (camera head or videoscope).
- Degree of protection against explosion: The video system center should be kept away from flammable gases

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