OR1 NEO®
ELEMENTARY SOLUTION

4K or FULL HD Video Management with Documentation is becoming more financially accessible than ever before
It’s time to decide on an affordable Integrated OR

The KARL STORZ OR1 NEO® “Elementary Solution” facilitates your financially accessible entry into OR Integration and offers compatibility with a set of options for package expansion.

The core of the OR Integration solution OR1 NEO® “Elementary Solution” is the future-proof, 12G-SDI technology-based Audio/Video Management in combination with the AIDA® documentation solution. This includes 4K UHD or FULL HD image/video capture as well as HIS and PACS communication.

OR1 NEO® meets the demands of customers who prefer 12G-SDI based technology and robust, simple copper-based cabling for audio/video transmissions within the hospital and beyond, based on proven standards and components from the professional broadcast segment.

This OR1 NEO® “Elementary Solution” set allows simple installation in a small 20 height unit rack inside the OR which keeps cabling ways and installation time short.

Features and Benefits

• Price sensitive OR Integration entry solution
• Workflow optimizing Video Management and Documentation
• Future-proof 12G-SDI technology based 4K UHD or FULL HD video routing, featuring surgery, teaching and mentoring in uncompressed, lossless high image quality
• Leverages the overview via PiP (Picture-in-Picture) and PaP view (Picture side-by-side)
• Seamless hospital PC integration and image display on every connected monitor (e.g. x-ray images, checklist, patient data, etc.)
• Easy to navigate, intuitive user interface, requiring less effort in training
• Installation inside the OR which keeps cabling ways and installation time short
• Options support package expansion according to your demands
OR1 NEO® “Elementary Solution” 4K UHD or FULL HD Set

Core package content, depending on your preference of 4K UHD or FULL HD
- OR1 NEO® rack with 20 HUs (OR1™ technology enclosure), providing 4K UHD or FULL HD video routing
- AIDA® Documentation Solution, WD 300 (4K UHD or FULL HD)
- 2 x 27" FULL HD or 2 x 31" 4K UHD monitors
- 21.5" Touch Screen (with stand, located on OR1 NEO® rack; optional ergonomic vertical lift arm available)
- 1 x OR1™ Patch Panel “AUX SDI In”, for e.g. X-ray C-arm device, etc.
- 12G-SDI video network infrastructure, 20 x 20 6G-SDI FULL HD or 40 x 40 12G-SDI 4K UHD video matrix and cabling
- Installation

Technical data

<table>
<thead>
<tr>
<th></th>
<th>OR1 NEO® rack</th>
<th>27&quot; FULL HD monitor</th>
<th>31&quot; 4K UHD monitor</th>
<th>Optional 55&quot; 4K UHD non-medical (in-)wall monitor</th>
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</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>100-250 VAC, 50/60 Hz</td>
<td>100-240 VAC, 50/60 Hz</td>
<td>100-240 VAC, 50/60 Hz</td>
<td>220-240 VAC, 50 Hz</td>
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<tr>
<td>Power</td>
<td>750 W</td>
<td>72 W</td>
<td>137 W</td>
<td>109 W</td>
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<tr>
<td>Dimensions in mm</td>
<td>553 x 1060 x 800</td>
<td>660 x 400 x 87</td>
<td>760 x 444 x 87</td>
<td>1228 x 707 x 60</td>
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<tr>
<td>Weight in kg</td>
<td>150 kg</td>
<td>8.5 kg</td>
<td>11.2 kg</td>
<td>16.9 kg</td>
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For further information please contact your local KARL STORZ representative or OR1™ specialist
Perfecting SURGICAL Outcomes

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