Wireless HD Camera System

State-of-the-art image quality
Realtime & robust video transmission
Wireless HD Camera System

As a surgical field camera system, UW-100 can record high-definition video of operation from the surgeon’s view, avoiding the view obstruction of the other solutions such as shadowless lamp mounted or bedside camera systems. High quality video can be transmitted wirelessly for further usages including but not limited to education, academic exchange and medical archive.

Technical Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Video Format</td>
<td>1920*1080@30fps</td>
</tr>
<tr>
<td>Operating Time</td>
<td>More than 3 hours, it will not interrupt the work during exchanging battery</td>
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<tr>
<td>Wireless Transmission Distance</td>
<td>Max. 30m</td>
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<tr>
<td>Video Output Interface</td>
<td>HDMI</td>
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<tr>
<td>Depth of Field</td>
<td>200mm</td>
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<tr>
<td>Working Distance</td>
<td>Adjustable</td>
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<tr>
<td>Field of View</td>
<td>40<em>75mm@200mm/145</em>260mm@600mm</td>
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Perfect Image Quality

With precise design and control of the overall imaging chain, UW-100 will capture every important detail and show you state-of-the-art HD video.

Coaxial Vision

Shooting from the same view angle of the operational surgeon, provides the obstruction-free footage and the best deep cavity imaging in the industry.

Global Live Webcast

Through the NSE HD real-time broadcasting system, one can share the unprecedented high-quality video of his/her splendid operation with the surgeons around the world.

Ultimate Lightweight

Micro camera weighs only 20g, can be used with glasses and various of headlights, headlight & loupes without any appreciable burden.

Typical Applications

- Demonstration
- Workshop
- Consultant
- Remote medicine
- Academic exchange
- Education and training

Surgery Examples

- Cardiovascular
- Orthopaedic
- Head and Neck
- Hepatobiliary
- Spine
- Plastic