IMAGE MANAGEMENT HUB

IMH-10/IMH-20

Full HD for vivid images.
Seamless recording, management, and editing.
New from Olympus: an image management hub with one-touch operation.
Amazingly high-quality images, still or video. Enhanced recording and management, as well as editing functionality.

Now Olympus brings you an image management hub that offers full HD and helps you stay a step ahead of the field.
This hub gives you the impact of high-resolution detail for records, for peer presentations, and for training.
And it seamlessly links processing of records, image management, and editing for a whole new level of efficiency.
For everything from examination to surgery, Olympus keeps you at the leading edge.

### High-Definition Image
- Vivid full HD images, still or video
  Record detailed endoscopy images (still or video) in full HD, with absolutely no degradation in image quality.
- Extended recording time
  Olympus uses the most advanced compression technology: Even high-definition images can now be compressed into small files, so whatever recording media is used can hold many hours of data. What’s more, you won’t need to change the media so often, resulting in lower items, that can be stored and managed more easily.

<table>
<thead>
<tr>
<th>Recording Time</th>
<th>Picture format and quality</th>
<th>MPEX-AUW1/744</th>
<th>MPEX-AW1/744</th>
<th>MPEX-AW7/744</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD (29.97fps)</td>
<td>High</td>
<td>25.5 MB</td>
<td>27.8 MB</td>
<td>28.0 MB</td>
</tr>
<tr>
<td>SD (25fps)</td>
<td>High</td>
<td>20.5 MB</td>
<td>21.8 MB</td>
<td>22.0 MB</td>
</tr>
<tr>
<td>High</td>
<td>Low</td>
<td>15.5 MB</td>
<td>16.8 MB</td>
<td>17.0 MB</td>
</tr>
</tbody>
</table>

### High Efficiency
- Recording in real time
  These hubs allow you to record in real time while using general-purpose recording media. You can take the media as soon as the procedure is finished.
- System compatibility
  Compatible with all Olympus systems. Improves the efficiency of many tasks.
  - Scope trigger compatibility: Record and capture functions can be assigned to buttons on the scope control console.
  - Video processor compatibility: Patient data can be read from the video processor and attached to recorded or captured images. This reduces the need to input information and simplifies image management (with CV-260 and CV-460).
  - Printer compatibility: Recorded images can be readily printed out.
- Synchronized voice recording
  You can record your voice in the exact same time as the images, so it’s much easier to create teaching tools and seminar videos. This also streamlines image editing.

### Specifications
- High-End Model
  IMH-20
- Standard Model
  IMH-10
New from Olympus: an image management hub with one-touch operation. Amazingly high-quality images, still or video. Enhanced recording and management, as well as editing functionality.

The standard model: easy to use, easy to understand

**IMH-10**
- User-friendly management and search function
- New folder button
  - Just press the new folder button on the face of the unit to save this data from the operation or procedure in a sub-file.
- Search Control Menu
  - Search data by any filter: patient E, patient name, doctor, recording date, etc.
- One-touch image record or capture
  - Assign "Record" and "Capture" functions to the buttons on your keypads, and you can record images or capture images easily.
- Thumbnails
  - View thumbnails of the images in any folder to select the exact image you wish printed or displayed.
- Patient data is easy to input
  - This hub can be linked to an Olympus video processor or patient data. The user can select the video processor and input the patient data to the hub. This reduces input time and helps image management more efficiently.

The high-end model: two-channel imaging and network compatibility

**IMH-20**
- Touch-panel display
  - Touch the display to display the hub files you do whatever you want. When you want to record a movie, just touch the display. It's fast and simple.
- Two-channel simultaneous recording
  - Two cameras or scopes can be linked to a single IMH-20 hub to record images from two separate locations at the same time. The images can be recorded in separate files or as a single image with the sequence type of your choice.
- System connection
  - IMH-20 helps to link to Olympus systems. This reduces input time and helps image management more efficiently.

IMH-20 is compatible with HSP, CLI, Dyna, or Varity systems.
IMH Series

- Lifelike full HD images, still or video
- Extended recording time
- Real-time recording
- System compatibility
- Synchronized voice recording

IMH-10

- Easy-to-use management and search functions
- One-touch image record or capture
- Simple input of patient data

IMH-20

- Touch-panel display
- Two-channel simultaneous recording
- System connection

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>IMH-10</th>
<th>IMH-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video recording format</td>
<td>MPEG-4 AVC/H.264</td>
<td></td>
</tr>
<tr>
<td>Still recording format</td>
<td>BMP, TIFF, JPEG</td>
<td></td>
</tr>
<tr>
<td>Compatible media</td>
<td>HDD, Blu-ray, DVD, USB device</td>
<td></td>
</tr>
<tr>
<td>Internal HDD capacity</td>
<td>320GB</td>
<td>500GB</td>
</tr>
<tr>
<td>Touch-panel display</td>
<td>-</td>
<td>7-in. LCD Touch panel</td>
</tr>
<tr>
<td>Video input/output jacks</td>
<td>HD/SD-SDI: INPUT: 1, OUTPUT: 1, V/C: INPUT: 1, OUTPUT: 1</td>
<td>DVI: INPUT: 2, OUTPUT: 1, V/C: INPUT: 2, OUTPUT: 1</td>
</tr>
<tr>
<td></td>
<td>Composite: INPUT: 1, OUTPUT: 1</td>
<td></td>
</tr>
<tr>
<td>Serial remote</td>
<td>RS232C, stereo mini pin jack</td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>370 x 108.5 x 413 mm</td>
<td>370 x 167.5 x 413 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 8.6 kg</td>
<td>Approx. 10.7 kg</td>
</tr>
<tr>
<td>Input current</td>
<td>1.3-0.6A</td>
<td>1.9-0.8A</td>
</tr>
</tbody>
</table>

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