

## COPIBOOK OPEN SYSTEM - TECHNICAL SPECIFICATIONS

**Model:** CopiBook OS  
**Brand:** DigiBook  
**Manufacturer:** i2S  
**Country of Origin:** France



<b>Scanner Type</b>	Planetary scanner
<b>Camera Head Type</b>	<ul style="list-style-type: none"> <li>- 71 Mpixels area sensor</li> <li>- Fast data transfer : USB 3.0 interface</li> <li>- <b>No mechanical shutter: long life cycle camera</b></li> <li>- Auto Focus</li> <li>- High quality 50 mm SIGMA lens on <b>EAGLE camera</b></li> <li>- Standard quality 50 mm NIKON lens on <b>E-HRIS camera</b></li> </ul>
<b>Resolution</b>	400 x 400 dpi optical on A2+ 600 x 600 dpi maximum resolution
<b>Image Quality</b>	6,7 lp/mm at 400 dpi (85 % resolution efficiency) 5,9 lp/mm at 300 dpi (100 % resolution efficiency)  <b>ISO 19264, Metamorfoze light and FADGI 3* compliant with EAGLE camera</b>
<b>Depth of field</b>	<b>9 cm (3,5")</b>
<b>Scan Time</b>	<p><b>Scan time, A2+ format, 400 x 400 dpi optical : &lt; 1 sec in colour</b> <b>Cycle time, A2+ format, 400 dpi optical : &lt; 3 sec in colour</b></p> <p>→ <b>Same scan time whatever the document format</b> → Saving in hidden time: images saved during scanning process</p>
<b>Scanning Mode</b>	Input 36 bits / Output 24 bits
<b>Scanning Format</b>	440 x 635 mm (400 dpi), with glass and books up to 10 cm thickness 400 x 570 mm (400 dpi), with glass open and books up to 20 cm thickness 510 x 720 mm (350 dpi), without book cradle for document up to 10 cm
<b>Book Cradle</b>	<ul style="list-style-type: none"> <li>- Book thickness up to 10 cm (3.9") with glass use, and up to 20 cm (7.8") without glass use</li> <li>- Book weight up to 10 kg (22 lbs)</li> <li>- Motorized book cradle with up and down motions</li> <li>- Easy access from three sides</li> <li>- Can be easily taken out</li> </ul>

<b>Glass Plate</b>	<ul style="list-style-type: none"> <li>- Self-opening embedded A2+ glass plate</li> <li>- Secure pressure adjustment system</li> <li>- 90° parking position to scan without the glass plate</li> <li>- Automatic scan when pulling down the glass plate</li> <li>- Automatic opening when scan is done</li> </ul>
<b>Lighting</b>	<ul style="list-style-type: none"> <li>- LED lighting with no UV and IR rays emission</li> <li>- Lighting below the operator's eyes level</li> <li>- Use of light diffusor to avoid any dazzling lights</li> <li>- Scanner can work with ambient light only</li> </ul>
<b>Limb Capture Software</b>	<ul style="list-style-type: none"> <li>- COLOR Live preview before scan</li> <li>- Multi frame management : saving multiple files from one scan</li> <li>- Automatic format detection</li> <li>- Auto-focus</li> <li>- Automatic exposure time</li> <li>- Real-time lighting correction</li> <li>- Automatic calibration &amp; Fine tune calibration menu</li> <li>- Automatic scan launch with flip page detection</li> <li>- ICC Profile management</li> <li>- Multilingual operator interface</li> <li>- Embedded image processing (deskew, finger masking, details enhancement, contrast enhancement...).</li> </ul> <p>Microsoft Windows 7/8/10 - 64 bits system</p>
<b>Formats Supported</b>	TIFF(multipage), JPEG, JPEG2000, BMP, PDF(multipage), PNG, DNG
<b>Outputs</b>	VGA output; 2 USB 2.0 ports; Giga-Ethernet output
<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>- PC</li> <li>- Monitor</li> <li>- Motorized book cradle</li> <li>- Lighting</li> <li>- 100° V-shape book holder (compliant with motorized book cradle)</li> </ul>
<b>Optional Software</b>	<ul style="list-style-type: none"> <li>- <b>LIMB Imaging</b> and LIMB™ Desktop include automatic and manual image processing for several tasks like: deskew, crop, and resize, binary conversion, contrast, brightness, padding, background removal, page curvature correction... Moreover, automated image quality control, content conversion and publishing are also available.</li> <li>- <b>LIMB Server</b> includes all the above and is dedicated for mass digitization projects with several scanners and multiple operators.</li> <li>- <b>LIMB Gallery</b> digital library, you can create ready to publish images.</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>- 12-months warranty / assistance contract included <ul style="list-style-type: none"> <li>- hardware warranty (spare parts exchange or repair)</li> <li>- technical assistance (support &amp; diagnosis)</li> <li>- software updates</li> </ul> </li> <li>- Warranty / assistance extensions also available up to 5 years</li> </ul>

<b>Noise</b>	Silent scanning process : less than 40 dB
<b>Electrical Power</b>	220 V / 230 V – 50 Hz, 110V / 115 V – 60Hz, 300 VA max
<b>Operating Temperature</b>	Between 10°C/50°F and 36°C/96°F
<b>Dimensions and weight</b>	Scanner : 1002 mm (39,42") x 740 mm (29,13") x 1364 mm (53,70") 53 kg (116,53 lbs)  Book cradle : 842 mm (33,15") x 720 mm (28,35") x 167 mm (6,57") 43 kg (94,80 lbs)
<b>COPIBOOK OS is the only solution giving the ability to get at the same time :</b>	<ul style="list-style-type: none"> <li>• ISO 19264 / FADGI 3* / Metamorfoze light compliance</li> <li>• Live preview before scanning</li> <li>• Automatic detection of document format before scanning</li> <li>• Camera and lighting are not moving parts (robustness)</li> <li>• Lighting does not dazzle operator's eyes</li> <li>• Silent scanning process</li> <li>• Cycle time on A2+ at 400 x 400 dpi optical &lt; 3 sec in colour</li> </ul>