

CopiBook Open System vs CopiBook Cobalt RGB



CopiBook Open System



CopiBook Cobalt RGB

Main Advantages

Compliant with ISO 19264 standard, Metamorfoze & FADGI***	No standards compliant
Color Live preview before the scan	Greyscale live preview before the scan
Scan time Color A2 at 400 x 400 dpi optical < 1 sec	Scan time Color A2 at 400 x 400 dpi optical = 3.4 sec
Cycle time Color A2 at 400 x 400 dpi optical < 3 sec	Cycle time Color A2 at 400 x 400 dpi optical = 6.4 sec
MTF at 300 dpi : 100% resolution efficiency (about 5.9 lp/mm) MTF at 400 dpi : 85% resolution efficiency (> 6.7 lp/mm)	MTF at 300 dpi : 95% resolution efficiency MTF at 400 dpi : 70% resolution efficiency
Depth of field : 9 cm	Depth of field : 5 cm
LIMB Capture software – Windows 64 bits based	CopiBook software – Linux based

Detailed specifications

Model	CopiBook Open System	CopiBook Cobalt RGB
Scanner type	Planetary A2+ scanner	Planetary A2 scanner
Computer	Separated, Windows system, the client can choose the computer	Integrated, Linux system
Camera type	Array sensor, bayer filter	Array sensor, color filter wheel
Shutter	Electronic shutter	Electronic shutter
Lens	High quality Sigma 50mm lens	Standard Nikon 50mm lens
Depth of field	9 cm	5 cm
Resolution	MTF at 300 dpi : 100% resolution efficiency (about 5.9 lp/mm) MTF at 400 dpi : 85% resolution efficiency (>6.7lp/mm)	MTF at 300 dpi : 95% resolution efficiency MTF at 400 dpi : 70% resolution efficiency
Scan time	< 1 sec on A2 color	3.4 sec on A2 color
Cycle time	< 3 sec on A2 color	6.4 sec on A2 color
Color depth	36 bits internal – 24 bits output	36 bits internal – 24 bits output
Scanning size	635 x 440 mm (400 dpi), with glass and books up to 10 cm thickness. 570 x 400 mm (400 dpi), with glass open and books up to 20 cm thickness. 720 x 510 mm (350 dpi), without book cradle for documents up to 10 cm.	640 x 420 mm (400 dpi), with glass and books up to 10 cm thickness. 570 x 400 mm (400 dpi), with glass open and books up to 20 cm thickness.

Book cradle	10 cm of thickness – 10 Kg Removable Motorized for up and down	10 cm of thickness – 10 Kg Fixed Motorized for up and down
Glass plate	Self-opening embedded A2 glass plate Secure pressure adjustment system 90° parking position to scan without the glass plate Automatic scan when pulling down the glass plate Automatic opening when scan is done	
Lighting	Can work with ambient light Optional Soft LED Lighting, UV and IR free	
Software	Limb Capture Software <ul style="list-style-type: none"> - COLOR Live preview before scan - Multi frame management : saving multiple files from one scan - Automatic format detection - Auto-focus - Automatic exposure time - Real-time lighting correction - Automatic calibration & Fine tune calibration menu - Automatic scan launch with flip page detection - ICC Profile management - Multilingual operator interface - Embedded image processing (deskew, finger masking, details enhancement, contrast enhancement...). <p>Microsoft Windows 7/8/10 - 64 bits system</p>	<ul style="list-style-type: none"> - Grey live preview before scan - 2 frames - Automatic format detection - Auto-focus - Automatic exposure time - Real-time lighting correction - Automatic calibration - Automatic scan launch with flip page detection - ICC Profile management - Multilingual operator interface - Embedded image processing (deskew, finger masking, details enhancement, contrast enhancement...). <p>Linux system</p>
Output format	TIFF (multipage) , JPEG, JPEG2000, BMP, PDF (multipage), PNG, DNG	TIFF, JPEG, JPEG2000, BMP, PDF
Optional software	Limb processing (can be run on the same computer)	Limb processing (an additional computer is needed)