

COPIBOOK Cobalt

Technical comparison



COPIBOOK Cobalt

COPIBOOK Cobalt HD

DIGITIZATION		
TYPE	Planetary scanner	
MODELS	COPIBOOK Cobalt	COPIBOOK Cobalt HD
CAMERA	CCD area sensor	
	3 x 63 Mpixels (RGB)	3x140 Mpixels (RGB)
OPTICAL RESOLUTIONS	400 x 400 dpi optical on A2 format All formats: 200 x 200 dpi to 600 x 600 dpi	600x600 dpi optical on A2 format All formats: 200 x 200 dpi to 600 x 600 dpi
OUTPUT: 2 modes	24 bits for color, 8 bits in grayscale, 1 bit in binary 36 bits for color, 12 bits in grayscale, 1 bit in binary	
SETTINGS	Fully automatic settings: focus, exposure time, white balance, format detection	
LIGHTING CORRECTION	Embedded and in real-time	
DRIVERS	TWAIN - API	
SIZES HANDLED		
FORMATS	DIN A2 / D (2 x A3)	
MAXIMUM DIMENSIONS	420 mm (16.5") (h) x 640 mm (25.2") (w)	
MAXIMUM THICKNESS	10 cm (3.9")	
MAXIMUM WEIGHT	10 kg (22 lbs)	
IMAGES		
Image quality	More than 5 cm (2") depth of field for all resolution	
MIN. SCREEN RESOLUTION	1920 (w) x 1080 (h) pixels	
ENHANCEMENTS	Deskew, thresholding, finger masking, curvature correction	
STORAGE	High speed image transfer via Giga-Ethernet output	
FILE FORMATS	TIFF, TIFF G4, Multipage TIFF, TIFF 12 Bits, JPEG, BMP, JPEG 2000, PDF, Multipage PDF	
SAVING	Images saved during scanning process 1 terabytes hard disk buffer	
SCAN TIME		
COLOR SCAN	3,4 s at 400 x 400 dpi optical on A2 format	4,6 s at 400 x 400 dpi optical; 7,7 s at 600 x 600 dpi optical
GRAYSCALE SCAN	1,4 s at 400 x 400 dpi optical on A2 format	2,7 s at 400 x 400 dpi optical ; 5,5 s at 600 x 600 dpi optical

COPIBOOK Cobalt

Technical comparison



COPIBOOK Cobalt

COPIBOOK Cobalt HD

SOFTWARE	
LANGUAGES	Multilingual operator interface
SAVING	Images saved during scanning process
SCAN SEQUENCES	Next scan launched immediately after the previous scan is done
IMAGE CONTROL	Images displayed during scanning
COLOR PROFILE	ICC profile management
IMAGE PROCESSING	Processing and compression during scanning
OPTIONAL PROCESSING	Batch of image processing: page splitting, cropping, deskew, book fold correction, finger masking, smart binarisation, areas detection, etc.) Batch of image compression
OTHERS	
ACCESSORIES INCLUDED	Android tablet (Samsung Galaxy Tab2, 7" LCD screen) 16:9 screen 23" (Vesa 100) Footswitch, mouse
OUTPUTS	6 x USB 2.0; 1 x Gigabit Ethernet
WARRANTY	12 months hardware and software warranty included Warranty extensions available up to 5 years
PHYSICAL CHARACTERISTICS	
DIMENSION	L 782 mm (30.7") x l 961 mm (37.8") x h 1121 mm (44.1")
TOTAL WEIGHT	74 kg (170 lbs)
ELECTRICAL POWER	220 V – 50 Hz, 110 V – 60 Hz 300 VA max
OPERATING TEMPERATURE	Between 10°C / 50°F and 30° / 86°F
CERTIFICATIONS	CE / FCC part 15 conformity Low voltage electrical safety EN60950 radio electrical disturbances EN55022, EN61000-3-2, EN61000-3-3 electromagnetic immunity EN55024