



Omniscan OS C2 (KA94) Advanced Plus

Fast - high performance table-top scanning system for books, newspapers and large documents with glass plate and integrated mechanical book cradle

Technical Data OS C2 Advanced	
Maximum size of originals	635 mm x 460 mm
Maximum book thickness	150 mm when scanning with glass, 170 mm when scanning without glass
	150 mm motorized book cradle Book support plates can be set up in left right orientation to perfectly accommodate book spine.
	motorized glass plate opening up to 45° – glass plate can be opened more than 90° manually to scan without use of glass plate, too.
Scan mode	48bit colour – output 48bit or 24bit 16bit gray scales – output 16bit or 8bit 1 bit black & white (output, 1 bit)
Sensor	CMOS line – one line for red, green, blue each. Separate channel for grey scale scanning.
Scan speed (start of scanning until end of scanning)	< 4 secs at 300 ppi, < 6 secs at 400 ppi 48bit colour
Lighting	*One synchronized focused LED lighting (CRI > 95), free of ultraviolet and infrared, focused on the area being scanned at a given moment.
Productivity	very fast scanning thanks to *automated glass opening/start scan function when glass plate is closed: up to 9 full format colour scans (tiff) @ 200 ppi/min or up to 7 full format colour scans (tiff) @ 400 ppi/min
Scanner interface	10Gig E
Resolution	600 ppi (400 ppi in line direction, 600 ppi in scan direction)
Focus	Autofocus
Connection values	
Voltage	110 – 240 V
Frequency	50 – 60 Hz
Consumption	1,1 A in full operation (scanning, PC, monitor running) In line with Energy Star regulations.
Noise	41,5 dBA in operation



Dimensions	
Depth	approx. 804 mm
Width	approx. 856 mm
Height	approx. 1'213 mm
Footprint	856 mm x 750 mm
Operating Conditions	
Recommended temperature range	18° – 35° C
Recommended relative humidity, non-condensing	80 %
Safety inspections/Authorizations	In accordance with IEC agreement (international authorization for the safety of IT products – includes EMC, electrical safety, device safety for CE, UL, ETL, CSA); LEDs tested in accordance with IEC 62471:2006 “Photobiological safety of lamps and lamp systems”.
Operating System	
Operating system	Windows 11 64bit
Main application	OS 12 64bit
Output	To hard disk, network, eMail, FTP, Printer
Output formats	TIFF, TIFF-G4, TIFF Multipage, JPEG, JP2, BMP, PNG, GIF, PCX, PDF, PDF Multipage, iHQC (optional), Tiff LZW (optional)
Accessories	Scan table with motorized height adjustment
	Support 90° - 140°; Kit 90°, V-Kit



Technical image characteristics

Metamorfoze, ISO 19264-1 and FADGI	OS C2 reaches full Metamorfoze, ISO 19264-1 Level A or FADGI 3*.
Contrast resolution on Applied Image T10 test target 45° at 400 ppi	Typically, up to 8,0 line pairs/mm optical verification
Colour channel registration	Better than 0,2 pixel
Image noise level	typically < 4 @ 400 ppi, average 1 in all grey levels
Colour accuracy	Typically < 6 ΔE
Illumination homogeneity – white value measured on white paper (mean value between 240 / 250)	Less 8 pixel values