OM1

Aperture card scanner

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The OM 1 is a compact aperture card scanner. It creates digital images from microfilm aperture cards that can be instantly accessed, searched, viewed, printed or emailed. The OM 1 comes with Hollerith read and auto-feed hopper, for unattended batch scanning. Simple operation makes this scanner an ideal digital alternative to reader-printers.

Product advantages

- affordable and convenient solution to convert your microfilm aperture cards straight to digital images at full resolution
- auto white-balance (AWB) produces the best possible images from each card
- hi-speed USB plug-and-play connectivity
- virtual-rescan – automatically reprocesses the scanned image with alternative imaging parameters; no need to physically rescan the aperture card
- flexible scanning solution: OM 1 scans any ISO aperture card, with no extras or modifications to purchase

Technical data

Resolution	100 - 400 dpi
Speed (200 dpi, A2 / C-Size)*	370 cards per hour
Speed (400 dpi, A2 / C-Size)*	300 cards per hour
Hopper-feed	150 card, automated batch feed
Dual-save (greyscale and bitonal) output	yes
Hollerith entry	automatic (IBM, MIL STD 804B)
Check print capability	yes
Reduction ratio (fixed focus)	7.5 to 40x (variable)
Scaling accuracy	± 0.5%
Film type	silver and diazo
Drawing sizes	user defined within limits of tape window
Bitonal output file format	TIFF (G3 or G4), CALS, PNG, PDF
Greyscale output file format	JPEG, BMP, RAW TIFF, PNG, PDF
Size (wxdxh)	170 x 460 x 210 mm
Weight	5.8 kg
Power requirements	110 / 230 V, 270 / 210 mA
PC connection	USB 2.0 hi-speed 480 MHz only
Operating system	Windows 7 Professional (32 bit and 64 bit versions), WIN 10 PRO (64 bit), further alternatives on request
Controller PC specification	Please see WWL website for current requirements **www.wwl.co.uk**

* Maximum scanning speed dependent on PC configuration.
We reserve the right to make technical changes without notice.

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