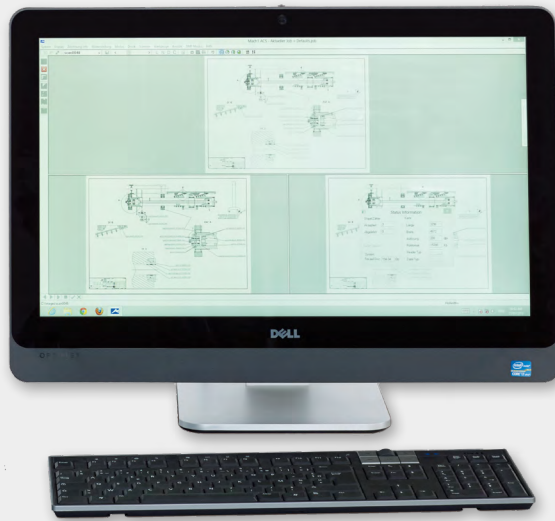# ZEUTSCHEL
Perfect Scanning

Makes digitizing extra easy

OM 1 Advanced

Aperture card scanner.

The **OM 1 Advanced 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 Advanced 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

- **Enhanced Camara System:**
  - New linescan camera with 8192 pixels
  - Highest image quality
  - Camera connects directly to the USB3 port
- **Increased hopper capacity** of up to 300 cards in automatic batch scanning
- **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 Advanced scans any ISO aperture card, with no extras or modifications to purchase

Technical data	OM 1 Advanced
Reduction Ratio	7.5x to 40x (variable)
Dual-save (grayscale and bitonal)	yes
Scaling Accuracy	+/0.1%
File Formats (bitonal / grayscale output)	TIFF, CALS, PNG and PDF / JPEG, BMP, RAW TIFF, PNG und PDF
Check print capability	yes
Film type	silver and diazo
Drawing sizes	user defined within limits of tape window
Resolution	100 – 600 dpi
Speed (A2/C-Size)	up to 400 cards per hour (200 dpi) up to 300 cards per hour (400 dpi) up to 200 cards per hour (600 dpi)
Hopper-feed	300 cards, automated batch feed
Hollerith entry	automatic (IBM, MIL STD 804B)
Power requirement	110/240 C, 50/60 Hz , 1.7A
Operating system	Windows 10 and 11 Pro
Dimensions (w x d x h)	7 x 22 x 9 inch (180 x 560 x 230 mm)
Weight	14 lbs (6,5 kg)

ZEUTSCHEL
Cultural Heritage is our Passion