

Automatic and Manual Book Scanner in ONE

Designed and manufactured by 4DigitalBooks, the **DL-mini C 400** integrates **two Canon EOS 5 DSR** digital cameras, allying reliable productivity and exceptional image quality.

AUTOMATIC

DL-mini is an automatic book scanner with highest level of automation, respecting safety of bindings and pages. It turns and scans pages of all types of books, magazines and bound newspapers with a very reliable production process. It handles challenging smaller books that close spontaneously.

MANUAL

DL-mini is a manual book scanner for any kind of documents. It accepts unusual documents such as photo albums, stamp albums, spiral, bound notebooks, postcards, photos, manuscripts ... It allows scanning exceptions found in bound documents such as : lose sheets, inserts, fold-outs, bent pages, torn pages, covers ...

TECHNOLOGY

DL-mini detects double pages and automatically retries page pickup, insuring one page turn at a time and less operator interventions. Productivity **up to 1500 pages per hour** may be reached. No operator presence allows saving important labor costs. It has an auto centered book cradle that ensures relaxed book placement presenting pages for optimal image exposure. Associated with automatic detection of book size, it contributes to optimal scanning of the largest variety of materials.

FEATURES

- lifetime reliability suitable for 24 hours - 7 days operation
- automatic detection and adapting to parameters of the book
- flexible algorithm finds the best way to separate pages
- ensured one page turn at a time, no missing of pages
- handles softly the pages and the binding
- suitable for recent and old books
- storage of book parameters as presets for faster operation
- higher quality images as pages are presented under a glass
- accepts books with any paper thickness, texture and porosity

Dimensions LxWxH : 1.8 x 1.2 x 2.0 m - standing on a table
Height of Book Holder : 1 m
Power : 120-240 V, 2.2 kVA, 50-60 Hz





Technical Specifications

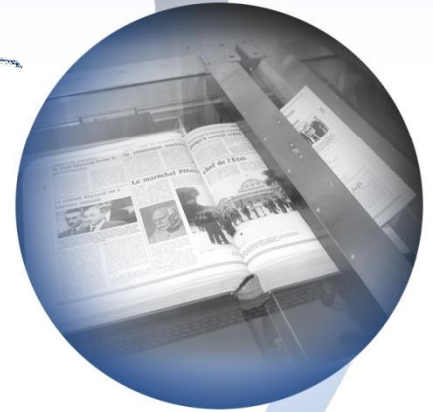
DOCUMENTS ACCEPTED

document types : books, magazines and bound newspapers
 book weight : max. 10 kg
 book thickness : max. 100 mm
 book covers : soft and rigid
 page size : min A6 (105 x 148 mm), **max A3 (297 x 420 mm)**
 scanning surface : max. 600 x 420 mm
 paper weight : min. 20 g/m2, max. 200 g/m2
 wavy pages or covers : max. amplitude 10 mm
 opening angle of pages : 180°
 behavior of books : books that remain open or close spontaneously



PROCESS

book centering : automatic by book cradle
 book holding : by distributed vacuum plates
 page pickup : by distributed vacuum arm
 page flattening : none, contact, pressed under a glass
 automatic detection : page width, multi-feed
 safety measures : checking page pickup & release, page bending
 automatic retry : in case of multi-feed or missed page pick up



SCANNER FEATURES

Camera Technology	Image Matrix Size	Image Colors	Bits / Pixel	Resolution (dpi)		
				min	max	opt
Canon EOS 5 DS R	50 Mega Pixels per camera	4 Tera colors	42	200	400	600*

(*) Optical resolution 600 dpi, available on max A4 page format, with a set of optional lenses.



MAXIMUM PRODUCTIVITY

3 speed settings are available to allow proper manipulation of the document depending on its fragility.
 Maximum productivity is reached for books that are in good condition.

