

**SMA**

**SMA S1**



**Archive Writer  
16 mm & 35 mm  
Bitonal / Greyscale / Color**

## The No. 1 Product in the Market!

### 16 & 35 mm Archive Writer to Backup Your Digital Files

#### Long-Term Storage on Microfilm

Save your essential data which are subject to long-term archiving requirements with minimum effort and very cost effective on the proven media microfilm.

The SMA 51 produces an analog backup of your digital business documents. There is no more need for migration of your electronic archive as microfilm is totally soft- and hardware independent.

Microfilm, produced properly and kept under the right conditions, has a life expectancy of 500 years. In addition it is fake proof and resistant against viruses or worms and cannot be manipulated by hackers.

#### Versatile

The SMA 51 can handle the most common image files such as TIFF, JPEG and PDF on the fly and it doesn't matter if they come in bitonal, greyscale or color. The converting process is quick, reliable and provides excellent image quality. The original document size can vary from as small as a postcard up to large maps and drawings. After the files are transferred to the system it will work unattended.

The system includes a PC workstation and operating software which manages the downloaded files. Communication with the PC takes place via standard interface.

The Quad-Mode allows you to split any image into quarters. This is very useful for originals which cannot be viewed at once anyway such as A0 (E-Size) engineering drawings.

#### High Productivity

The SMA 51 is the fastest 16/35 mm Archive Writer in the world. In duplex mode it can write up to 8200 images per hour to 16 mm microfilm. On 35 mm up to 3600 images per hour can be processed. For smaller originals - such as library cards, cheques etc. - an optional available nesting tool can pre-arrange the images which results in a much higher frame per hour conversion rate.

#### Cost-Effective

The fact that the SMA 51 utilizes standard camera microfilm makes it very cost-effective and does not force the user to buy proprietary consumables.

For converting image files back to microfiche or for COM applications please ask for the SMA 105. This product has an online processor which allows you to develop the film right after exposure.

## Technical Specifications & Options

### Resolution & Exposure

- High quality precision camera with German made lens ◀
- High resolution LCD display ◀
- Single-Mode (9 million pixels) ◀
- Quad-Mode (36 million pixels) ◀
- 9-Mode (81 million pixels) ◀
- Landscape Mode ◀
- Portrait Mode ◀

### Converting Process

- Filming type: Bitonal, greyscale and color ◀
- Maximum converting speed: 8200 images per hour (A4 duplex) ◀
- Document Size: Up to A0 and above ◀
- Film type: 16 & 35 mm ◀
- Film length: 30 m, 40 m and 65 m (standard), 300 m (option) ◀
- File Formats: TIFF (single/multi), PDF (single/multi), JPEG and many others ◀

### Software Features

- Fade in of blips (up to three levels) ◀
- Fade in of Meta Data (file name, doc size, numbers and more) ◀
- Fade in of start target, end target, index target and others ◀
- Data check before filming ◀
- Creation of log file after filming ◀
- Individually programmable size of steps between frames ◀
- Continuous filming function for 300 m rolls with automatic job separation ◀
- Negative and positive output due to reversal polarity option ◀
- Adjustable shutter speed ◀
- Adjustable exposure control ◀

### Delivery Includes

- SMA 51 Archive Writer ◀
- Two standard camera heads of your choice ◀
- Application software ◀
- PC workstation ◀

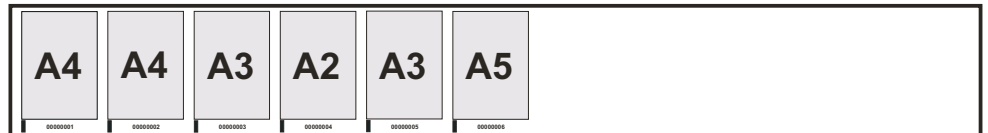
### Dimensions & Weight

- W: 120 cm ◀
- D: 90 cm ◀
- H: 105 cm ◀
- 80 kg (including PC and Monitor) ◀

## Your Choice of Cameras

The SMA 51 can be equipped with different cameras as shown below. The last scheme demonstrates the Quad-Mode. The 9-Mode separates the image into nine partial images.

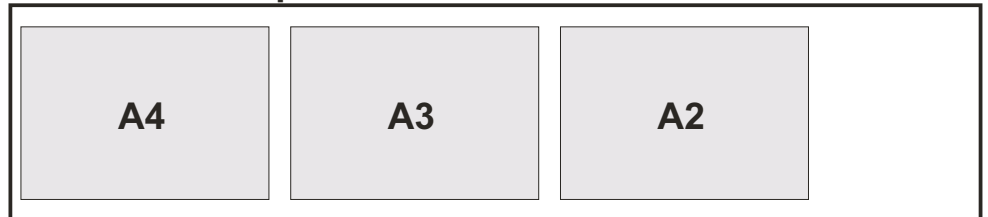
### 16 mm



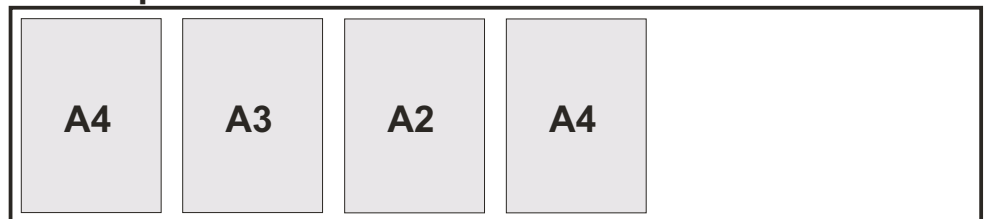
### 16 mm A3/A4



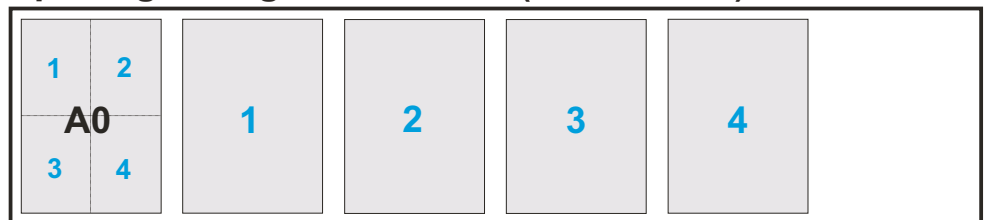
### 35 mm landscape



### 35 mm portrait



### Splitting of large documents (Quad-Mode)



**Archive Writer**

**Do you have further questions?**

Please contact your local dealer:



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