

SMA

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SMA 16



The No. 1 Archive Writer Brand on the Market

Archive Writer Technology Protects the Digital World

Long-Term Storage on Microfilm

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

The SMA 16 Archive Writer produces an analog backup of your digital business documents. There is no more need for migration of your electronic archive, as microfilm is totally software and hardware independent.

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

Versatile

The SMA 16 Archive Writer can handle the most common image files such as TIFF, JPEG, PDF and others on the fly, no matter if they come in bitonal, greyscale or color. The converting process is quick, reliable and provides excellent image quality. 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 SMA 16 Archive Writer is the only pure 16 mm archive writer in the market that can create a grey scale output. Since it is a small desktop unit the SMA 16 is ideal for mobile applications.

High Productivity

The SMA 16 is the fastest 16 mm greyscale archive writer in the world. It is possible to expose up to 3600 frames per hour to microfilm. An optional available nesting tool can pre-arrange the images which results in a much higher image per hour conversion rate.

Cost-Effective

The fact that the SMA 16 Archive Writer utilizes standard camera microfilm makes it very cost-effective and does not force the user to buy proprietary consumables.

Other Archive Writers Available

For 35 mm film or microfiche please refer to the SMA 51 and SMA 105.

Protecting Your Digital Data Has Never Been Easier

The software that operates the SMA 16 Archive Writer is extremely user friendly. Simply choose any folder from your PC or network and add it to the filming menu. A special image monitoring tool makes certain that every image was opened and properly filmed. In the case of a corrupt image, the system will inform you immediately. When each film roll is completed the software will create a logfile to validate the integrity of the filming process.

Sample 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 65 m rolls with automatic job separation ◀
- Negative and positive output due to reverse polarity option ◀
- Adjustable shutter speed ◀
- Adjustable exposure control ◀
- Creation of trailers in any length ◀
- Thumbnail preview of images ◀
- Re-exposure of past jobs ◀
- Reading order of the images by original order, name or date ◀
- Conversion of TIFF, JPEG, PDF and many other formats ◀
- Single page and multi page conversion ◀
- Landscape and portrait orientation of images possible ◀
- Creation of unlimited amounts of templates ◀
- Possible to interrupt and continue rolls ◀
- Login protected system check for maintenance ◀



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Fixed Camera	16 mm x 30-65 m (A4 portrait/A3 landscape)
Optical System	High precision German made lens High resolution 4K display
Resolution	8.3 MP (nativ)
Maximum Document Size	No limitations
Filming Speed	Up to one image per second
Type of Conversion	Bitonal, grey scale and color
Image Orientation	Portrait and landscape
Directly Convertable File Formats	TIFF, JPEG, PDF and many others, single und multi page files
Meta Data	Consequtive numbers, image file names, blips and other index data
Location of Meta Data On Film	Next to image or below image
Blip	Up to three levels
Ambient Conditions	+5 to + 40°C Relative humidity 20 to 80% (non-condensed)
Noise Level	Office compatible (<50dB)
Delivery Includes	Archive Writer Camera heads of your choice PC workstation Application software
Dimensions & Weight	Width: 68 cm Depth: 53 cm Height: 53 cm Weight: 50 kg (without PC and monitor)

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BLACK & YELLOW

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