

# 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 Writers 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.

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

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**BLACK & YELLOW**

SMA Electronic Document GmbH  
Södeler Weg 2  
61200 Wölfersheim  
Germany

Phone: +49 6036 9893010

Fax: +49 6036 9893020