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# Information for digital processing
# Computer data Formats (1)

## Data Formats:

| Preferred | Acceptable |
|---|---|
| Bitmap (Win) 8 Bit (.bmp) | Wavefront 8/16 Bit (.rla) |
| TIFF 8/10/12/16 Bit (.tif) | Wavefront (.rlb) |
| SGI 8/10/12/16 Bit (.rgb) | Alias (.als) |
| Kodak 10 Bit log. (.cin) | JPEG (.jpg) |
| | Softimage (.pic) |
| | Vista (.vst) |
| | Targa (.tga) |
| | Pict (Macintosh) (.pct) |

All formats are generally uncompressed. Other formats and/or compression available upon request. Colour depth (in bits) is given for each colour channel.
For example: “SGI 10 bit RGB” means: 10 bits red, 10 bits green, 10 bits blue, i.e. 30 bits of colour depth. If no other information is given, formats have 8 bits of colour depth per channel.

## Data Carriers

| | |
|---|---|
| Fast SCSI-Harddisk | (DOS/UNIX/MAC) |
| JAZ | (DOS/MAC) |
| CD | (ISO 9660) |
| DLT IV | (20/40 GB) (CI-transfer / tar) (10% surcharge) |
| 8mm EXABYTE | (ohne Datenkompression / tar) (10% surcharge) |
| 4mm DAT | (tar) (10% surcharge) |
| Syquest 44 MB | (DOS / Mac) |

## Labelling the images

Image names must appear as follows:

- 3 letters = job name
- 4-digit number (starting with the number 1) = image number
- period
- format description = 3 characters

e.g. ABC0001.tif

Image labels and path names must not contain any other characters, symbols or empty spaces.

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# Information for Digital Processing
# Picture formats - Film & Video (2)

## Picture formats - Film

| Format | 4K | MB | 2K | MB | 1K | MB | Aspect Ratio | Pixel Ratio |
|---|---|---|---|---|---|---|---|---|
| Academy | 3656 x 2664 | 27,9 | 1828 x 1332 | 7,0 | 914 x 666 | 1,75 | (1:1,372) | 1:1 |
| Cinemascope | 3656 x 3112 | 32,6 | 1828 x 1556 | 8,1 | 914 x 778 | 2,04 | (1:2,35) (1:1,175) | 1:2 |
| 1:1,66 | 3656 x 2200 | 23,1 | 1828 x 1100 | 5,8 | 914 x 550 | 1,44 | (1:1,66) | 1:1 |
| 1:1,85 | 3656 x 1976 | 20,7 | 1828 x 988 | 5,2 | 914 x 494 | 1,30 | (1:1,85) | 1:1 |
| Super 35 | 4096 x 3112 | 36,5 | 2048 x 1556 | 9,1 | 1024 x 778 | 2,28 | (1:1,316) | 1:1 |
| VistaVision | 4096 x 6144 | 72,0 | 2048 x 3072 | 18,0 | 1024 x 1536 | 4,50 | (1:1,50) | 1:1 |
| Super 16 | | | 2048 x 1240 | 7,3 | 1024 x 620 | 1,80 | (1:1,652) | 1:1 |
| 16 mm | | | 1728 x 1240 | 6,1 | 864 x 620 | 1,53 | (1:1,394) | 1:1 |

The values given in MB are approximate for 8-bit data and vary according to data format and colour depth.

## Develop film

| Format | 2K | 1K |
|---|---|---|
| Academy | X | X |
| Cinemascope | X | X |
| 1:1,66 | X | X |
| 1:1,85 | X | X |
| Super 16 | X | X |
| 16 mm | X | X |

## Filmmaterial

All standard positive and negative film emulsions.

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# Information for Digital Processing
# Picture formats - Film & Video (2)

## Film-Scan (Kodak Genesis)

| | 4K | 2K | 1K |
|---|---|---|---|
| Academy | X | X | X |
| Cinemascope | X | X | X |
| 1:1,66 | X | X | X |
| 1:1,85 | X | X | X |
| Super 35 | X | X | X |
| Vista Vision | X | X | X |
| Super 16 | | X | X |
| 16 mm | | X | X |

## Film stock

In general, all Kodak and Fuji emulsions.
Other emulsions upon request.

## Picture Formats Video

| Format / Aspect Ratio | CCIR 601 | MB | Active Pixel | Square Pixel | MB | Pixel Ratio | Active Ratio |
|---|---|---|---|---|---|---|---|
| Pal 4:3/(1:1,33) | 720 x 576 | 1,2 | 720 x 576 | 768 x 576 | 1,27 | 1:1,06 | 768 x 576 |
| 16:9 Anamorphotic (1:1,77) | 720 x 576 | | 720 x 576 | 1024 x 576 | 1,69 | 1:1,42 | 1024 x 576 |
| 1,66 | 720 x 576 | | 720 x 460 | 768 x 576 | | 1:1,06 | 768 x 460 |
| 1,85 | 720 x 576 | | 720 x 415 | 768 x 576 | | 1:1,06 | 768 x 415 |
| 1,77 (16:9) | 720 x 576 | | 720 x 432 | 768 x 576 | | 1:1,06 | 768 x 432 |