

# MIRAGE VIDEO TV

January 96

## High-Performance Multimedia Accelerator

- **High-Resolution Graphics-Acceleration up to 1280 x 1024, 75 Hz**
- **High Performance Graphics Accelerator with 2 MB EDODRAM**
- **PCI Version 2.0 Bus**
- **DPMS Power Management**

### Hardware

#### High-Performance Graphics Accelerator

- 1280 x 1024 pixels with 256 colours at 75 Hz ergonomic display mode
- 1024 x 768 pixels with High Colour (16 bit - 65536 colours) at 85 Hz display mode
- 800 x 600 pixel with TrueColour (24 bit - 16.7 M colours) at 85 Hz display mode
- S3 Trio64V+ graphics processor & 135 MHz DAC
- 2 Mbytes EDODRAM
- 32 bit PCI 2.0 Bus Version
- VESA Power Management Support
- Scaling of digital Video like MPEG or Video for Windows™
- hardware double buffering
- Chromakey, Colorkey and Sprite support
- supports MPEG software playback

#### Live Video In

- Y/C Video Input (PAL, NTSC)
- Output in real-time into graphics memory (30 fps NTSC, 25 fps PAL)
- 16x16 to 1024x768 resizable, full screen or window
- to use with VCR or Camcorder

#### TV PAL Tuner

- frequency range from channel 2 (48,25 MHz) to channel 69 (855.25 MHz)
- receiver for cable and terrestrial TV with Teletext

### Software

#### SPEA basic software:

- Driver for Windows® 95 and Windows® 3.1x
- SPEAview Displaymanagement Software
- SPEAenergy Power Management Software
- SPEAtune Monitor-Configuration Software
- SPEA MediaStation easy to use control software, allows to capture pictures and sequences from Video In and TV Tuner
- SPEA Teletext Software
- CD with MPEG Videoclips
- NT and OS/2 graphics driver

- **Simple jumperless installation**
- **TV receiver on board**
- **Video In input**
- **OPTIONAL MPEG Module Add-on:**
  - TrueColour, High-Resolution Hardware MPEG Video and Audio Playback
  - SPEA MovieBus

- optional available: BigFocus DOS/Windows: high performance displaylist driver for AutoCad

### OPTIONAL MPEG MODULE:

#### simple plug in MPEG hardware decoder:

- S3 Scenic/MX2 Video/Audio Decoder
- Full compliance with MPEG-1 Standard
- Playback of VideoCD™, Karaoke CD
- True Colour Playback
- 30 fps (NTSC), 25 fps (PAL) sustained frame rate
- Output 16x16 to 1024x768 resizable, fullscreen or in a window
- Output in real-time and maximum framerate from any analog or digital source
- High quality scaling through interpolation in X and Y direction
- Support of foreground windows on overlapping video playback
- Simultaneous display of graphics and video of different color depth

#### Audio

- 16-Bit Stereo, up to 44.1 kHz
- MPEG Audio Layer I and II
- Line level to 3,5 mm mini phone jack
- Hook up to powered speakers or soundcard

#### SPEA Movie Bus

- True Colour Digital Video Bus
- External Hardware Interface, e.g. Motion JPEG board

#### Additional Software

- MCI Windows driver for hardware MPEG audio and video
- CD Media Maestro LE presentation software
- CD Media Styler SE Authoring Software

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## System Requirements

- IBM 486 or better or other 100% compatibles
- 4 MB RAM
- MS Windows ®95 or DOS 5.0 or higher and Windows ® 3.1x
- 1 free PCI Slot
- No other active VGA or SVGA compatible graphics accelerator in the PC

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## Compatibility

- 100% compatible with VGA, SVGA and VESA Standard
- White Book 2.0 / 1.1 compatible
- with MPEG Module: Multimedia PC 3 compatible

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## Service & Support

- 3 years warranty
- free Software updates via SPEA BBS and CompuServe (GO SPEA)
- Technical support through SPEA Expert Line

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## Display Modes

Resolution	Colours Line	Frequency (kHz)	Refresh Rate (Hz)	Modes with video (with optional MPEG Module)
640 x 480	256	31.5 - 52.5	60 - 100	*
640 x 480	65.536	31.5 - 52.5	60 - 100	*
640 x 480	16.7 Mill	31.5 - 52.5	60 - 100	*
800 x 600	256	35.2 - 64.0	56 - 100	*
800 x 600	65.536	37.9 - 64.4	60 - 100	*
800 x 600	16.7 Mill.	37.9 - 56,6	60 - 85	*
1024 x 768	256	49.0 - 80.9	60 - 100	*
1024 x 768	65.536	49.0 - 68.7	60 - 85	*
1280 x 1024	256	64.4 - 79.8	60 - 75	

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## expected availability

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### SPEA Software AG

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