

SingMai Vision

The newsletter of SingMai Electronics (no. 17)

SM03 Video Enhancer: You won't believe it is only SD Video

Why increase your costs and complexity by moving to HD video, when SD video can look this good.

You want your images to be sharper with more detail, so the obvious move is to HD video. But apart from the cost increase, your record time is substantially less for the same disc size; you can't transmit your video over long distances without moving to analogue HD, and then you have compatibility issues and no test equipment.

SD video is proven over decades, everything has that yellow phono socket making it easy to test and install and it is universally recognised.

Do you need to archive old video tapes?

Maybe you have some SD source material that you want to archive. Valuable VHS recordings or camcorder tapes. If only there was some way to get better quality from those recordings.

Are you converting SD video to HD video?

Poor quality processing of SD images can leave artifacts that can make the job of de-interlacers and scalers much more difficult. SD artifacts become much more intrusive when scaled up for HD displays.

The SM03 is designed to retrieve as much information from the SD source as possible whilst producing as few artifacts as possible. It accepts NTSC, PAL and SECAM video sources and processes them to a pristine SDI output for compression, archiving or display.

Some of the features of the SM03 include:

- 12-bit analogue to digital converter.
- Proprietary video decoder, including



- adaptive 3D comb filter.
- Custom mode to recover 'lost' information from analogue video tapes.
- Sample rate converter.
- Full frame synchroniser.
- Adaptive median filter.
- Adaptive contrast enhancement.
- Recursive video noise reduction.
- Audio delay.
- Colour edge enhancement.

A 4-channel version of the SM03 is also available.

SM03 is available for purchase from the SingMai website for just £595 (quantity and dealer discounts are available). It comes with a 3-year guarantee.

[Read more about the SM03](#)

For more information please contact us at sales@singmai.com

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