

Superior Image. Superior Price.

SmartVIEW Computer-to-Video Down Converter



SmartVIEW™ has been designed to provide true broadcast quality output images at an affordable price. The unit automatically locks to high-resolution computer video and converts the video to broadcast quality NTSC or PAL composite, S-Video (Y/C), Betacam, and RGB output (SDI output optional).

SmartVIEW™ uses digital signal processing techniques to provide extremely high image quality. The unit automatically locks to interlaced or non-interlaced computer videos with resolutions up to 1600x1280. The input video is sampled at 140MHz and processed using proprietary 2D digital signal processing techniques. Multiple frame buffers eliminate frame conversion artifacts. SmartVIEW incorporates adaptive flicker filtering to provide crisp, flicker-free output images. A digital encoder is used to preserve video fidelity and support contrast, hue and saturation adjustments. Serial digital (SDI) video output is available as an option.

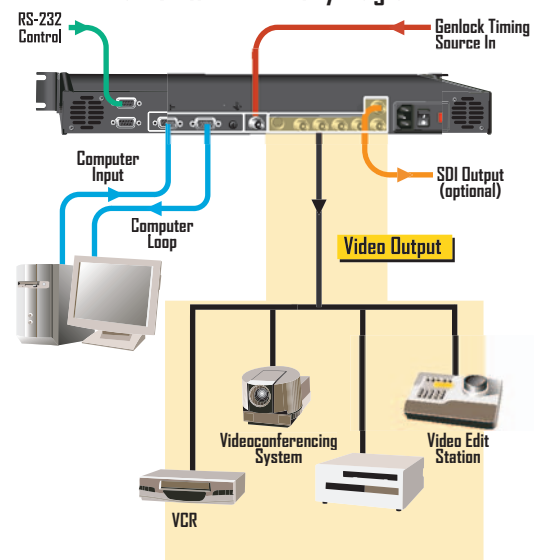
SmartVIEW offers an advanced feature set such as Pan and Zoom, adaptive flicker reduction filtering to provide crisp output images, and underscan settings. Pan and Zoom allow an input area of interest to be scaled to fill the output display. Horizontal and vertical scaling parameters are provided to support adjustable underscan.

Outputs can be genlocked to support studio applications. **SmartVIEW™** may be controlled via user-friendly front panel menus or via an external RS-232 serial interface.

SmartVIEW features include:

- Automatically syncs to interlaced and non-interlaced input videos with resolutions up to 1600x1280
- User selectable output formats including NTSC or PAL, RGB or Betacam and S-Video (Y/C). Digital (SDI) is optional
- Image scaling features include independent horizontal and vertical scaling to support aspect ratio conversion and user-selectable underscan, and programmable digital filters with adaptive adaptive flicker filtering modes
- Multiple frame buffers eliminate frame rate artifacts
- Picture adjustments for brightness, contrast, hue and saturation
- Intuitive user interface
- RS/232 serial interface supports real-time control of all down converter functions
- Freeze frame
- Genlockable outputs for studio applications
- Loop-through with switch selectable termination on all video outputs
- Internal test pattern generator
- Adaptive flicker filters
- Rackmountable
- Backed by a full 3 year warranty on parts and labor

SmartVIEW Connectivity Diagram



For more information call 1.888.414.7226 for visit www.folsom.com