

Video Combiner Statement of Work

The vendor will provide 3 video combiners that meet the following criteria.

1. The video combiner will combine video signals from at least three different sources with resolutions of 1920 by 1080 or better, with frame rates of 30 frames per second or better.
2. The video combiner will produce a combined video signal with a resolution of 1920 by 1080 or better, with frame rate of 30 frames per second or better.
3. The video combiner must be capable of combining the video images using alpha blending, RGB keying, luma keying or chroma keying.
4. The video combiner must be able to select a subset area of each input to use in the combined output image.
5. The video combiner must be able to scale each input up or down in size.
6. The video combiner must be able to reposition an input video signal within a specified area of the output signal.
7. The video combiner must be able to be reconfigured through a serial interface channel while in operation.
8. The video combiner must have programmer manuals that enable sending command strings to reconfigure the video combiner while operating.