

## NEXTCOMPUTING ROLLING RACK PRODUCTION SYSTEM FOR SAMSUNG 360 ROUND MULTI-CAMERA LIVE EVENTS



In collaboration with Samsung, NextComputing has designed a turnkey solution for producing multi-camera live events using the innovative Samsung 360 Round camera.

Unlike piecemeal approaches using separate stitching computers and traditional broadcast switchers, NextComputing's solution elegantly integrates every component of the 360 live production workflow into as few cases as possible, and with only minimal cabling.

The entire system can be up and running in minutes instead of hours and includes everything you need to produce truly professional 360 content.

- Customizable and scalable from 2-4 cameras and as little as one ATA rolling rack case
- Real-time 4K stereoscopic 3D stitching of all Samsung 360 Round camera inputs in a single rack
- Integrated UHD multi-viewer for live preview of all stitched outputs, upstream from the switcher
- Multi-cam 360 switcher with video and graphics overlay capability (powered by Voysys)
- Dedicated 4K 3D encoder system (powered by Voysys)
- Audio mixer with Dante network I/O and built-in audio delay
- Integrated WiFi router for handset/headset preview
- Optional 4G LTE uplink modem for broadband streaming or failover

# STANDARD CONFIGURATION

One (1) Stitching Rack with:

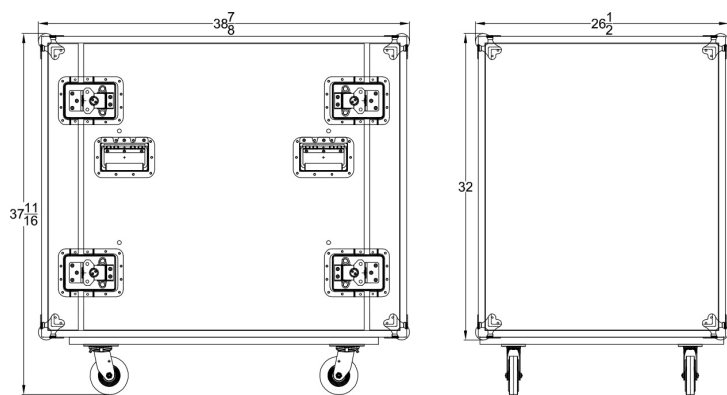
- Up to four (4) 2U stitching servers, featuring:
  - 8-core Intel Core i7 processor
  - 32GB DDR4 RAM
  - 2x NVIDIA GeForce GTX 1080 Ti GPUs
  - 1TB Samsung NVMe SSD
  - Windows 10 Pro
- KVM switch
- Gigabit switch
- Multi-viewer
- Dual UPS battery backup units
- Two (2) Samsung 32" UHD professional monitors



Stitching Rack



Production Rack



Rolling Rack Dimensions

One (1) Production Rack with:

- 3U Producer (switcher) system, featuring:
  - 10-core Intel Core i7 processor
  - 64GB DDR4 RAM
  - NVIDIA GeForce GTX 1080 Ti GPU
  - 1TB Samsung NVMe SSD
  - 8x 6G-SDI inputs (stitcher inputs)
  - 4x 3G-SDI inputs (external content inputs)
  - 4x 6G-SDI outputs (to Encoder)
  - Windows 10 Pro
- 3U Encoder system, featuring:
  - 2x 10-core Intel Xeon processors
  - 64GB DDR4 RAM
  - NVIDIA Quadro P5000 GPU
  - 1TB Samsung NVMe SSD
  - 2x 6G-SDI inputs (from Producer)
  - Windows 10 Pro
- 1U Audio mixing/routing system, featuring:
  - 4-core Intel Core i7 processor
  - 16GB DDR4 RAM
  - 500GB Samsung NVMe SSD
  - Windows 10 Pro
- 1U rack audio mixer (MIDAS M32C with Dante module)
- 1U USB audio interface (Focusrite Scarlett 18i20)
- Gigabit switch
- WiFi Router
- Dual UPS battery backup units
- Three (2) Samsung 32" UHD professional monitors

Two (2) custom rolling monitor transport cases for all five (5) Samsung 32" monitors

## CONTACT NEXTCOMPUTING

To order systems designed for Samsung 360 Round multi-camera live events, or to discuss the perfect system for your specific workflow, contact us today!



Phone: 1 (603) 886-3874 • Fax: 1 (603) 886-1736  
www.NextComputing.com • sales@Nextcomputing.com