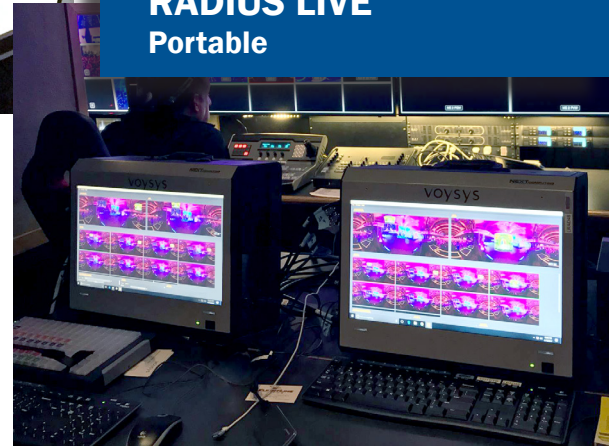# NEXT COMPUTING

VOYSYS

NEXTCOMPUTING AND VOYSYS
Live 360° VR Stitching, Multi-Camera Switching, and Streaming All in One System!!

RADIUS LIVE
Portable

A single **Nucleus Rackmount** or **Radius Live Portable Stitching Appliance** with **Voysys VR Producer** for

- Live stitching of multiple camera rigs on a single system!

- Open architecture for future resolution and frame-rate upgrades as more powerful GPUs and I/O cards emerge

- Switch between multiple 360° camera positions

- Supports any professional 360° camera rig

- Add dynamic, real-time content overlays including 2D picture-in-picture, virtual screens, and graphics or titles

- Live color adjustments and camera matching

- Up to 4K over SDI, up to 8K over IP

- Use any input format supported by your capture card

- VR Producer supports BlackMagic DeckLink SDI card

- VR Producer supports Magewell Pro Capture HDMI cards

- Supports stereoscopic 3D workflows up to 4K per eye

NUCLEUS 3U
Rackmount

Get the power and portability you need for Live 360 Stitching anywhere!

Form Factors	• **Portable** - Radius Live - the only portable stitching solution providing no downgrade in performance • **Rackmount** - Nucleus 3U Rear I/O – The most compact rackmount live stitching and streaming solution available
Processor	Intel Core i7-6850K 3.6 GHz 6-core (12 threads) processor, 15MB cache, 140W
Memory	64GB DDR4 2400MHz (16GB x 4 UDIMM)
Graphics / GPU	NVIDIA GeForce GTX 1080 Ti 11GB GDDR5X, 3584 GPU cores, 250W
Storage	500GB SSD

Capture Devices	Depends on camera/feed needs. Example configurations include:
	
	• For up to 4 x 4K@30 + 8 x 1080@30 inputs and 4K@30 output:
	    ○ 3 x Blackmagic Decklink 4K Mini recorder
	    ○ 1 x Blackmagic Decklink SDI 4K (in/out)
	    ○ 1 x Blackmagic Decklink Quad 2
	
	• For up to 1 x 4K@60 + 32x1080@60 inputs and 4K@60 output:
	    ○ 4 x Blackmagic Decklink Quad 2 3G-SDI
	    ○ 1 x Blackmagic Decklink 4K Pro 12G-SDI (in/out)

RADIUS LIVE
Portable

NUCLEUS 3U
Rackmount