Nextage 16-4K

LiveCore Series



#NXT1604-4K

Compact and cost-effective 4K seamless switcher based on the powerful LiveCore™ platform. Featuring heavy-duty design, versatile connectivity, state-of-the-art real-time processing, advanced video effects and user-friendly web-based user interface, the NeXtage 16-4K is perfect for live events and fixed installations demanding ease of use, flexibility and high-end video processing.

8 Seamless Inputs

28 total input plugs
4x HDMI (2x HDMI up to 4K@30Hz included)
2x DisplayPort (up to 4K@30Hz)
6x DVI-I (2x DVI Dual-Link up to 2560×1600 included)
8x 3G/HD/SD-SDI
8x Universal Analog (4x HD15 and 4x DVI-A)
Supports quad-head HD sources

2 Outputs

5 plugs per output
4x Universal Analog (2x HD15 and 2x DVI-A)
2x 3G/HD/SD-SDI
1x DVI-I Dual-Link up to 2560×1600
1x DVI/HDMI 4K up to 4K@30Hz 4:4:4
2x SFP (Optical for SDI Fiber transmission)

State-of-the-art Processing

Ultra-low latency 10 bit 4:4:4 processing
Uncompromising scaling performance and image quality
Supports de-interlacing, frame rate and aspect ratio conversion
4 true seamless scaled layers per output (16 scalers)
1 native background per output using still images or live sources
Advanced layer management

Advanced Video Effects

Seamless crossfade on all layers, on all 8 sources
Borders: Edge, Smooth, Smooth Edge, Shadow
Transitions: Cut, Fade, Slide, Wipe, Circle, Stretch, Depth, Flying window with programmable paths
Layer effects: Background Cut, Transparency, Luma/Chroma Key, DSK, H&V Flip, Cut and Fill
Color effects: B&W, Negative, Sepia and Solarize

Creative Display Configurations

Supports any combination of single-screen or widescreen applications
Single/Master screen memories to easily recall looks on all the screens
Custom output formats for non-standard display applications
Independent resolution and rate on all outputs
Rotation capability in increments of 90°
Custom Canvas mode for special LED wall applications
Area of Interest option to customize active areas of outputs
Confidence monitor available for unused outputs

Simple Setup and Advanced Control

Web RCS: embedded intuitive drag and drop web-based interface
Live video thumbnails shown on GUI
Collaborative architecture: up to 5 simultaneous operators
Wide range of hardware and software control solutions available (Vertige™, RCU, Shot Box², Control Box²…)
TCP/IP protocol supported by all major third-party control systems
AMX/Crestron drivers
AW VideoCompositor: Design intuitive drag and drop Crestron® user interfaces to control your live events with the LiveCore™ series image

Up to 100 Still Image Memories

Still images fully resizable

Download/upload via Web RCS
Capture from live inputs
Supports alpha-channels for transparent background

Independent Monitoring Output

Output plugs: HD15, DVI-I DL, 2x 3G-SDI and Analog SDTV (4x BNC)
Customizable layout with up to 8 windows
Real-time monitoring of sources, preview, program
8 memories available to save custom monitoring layouts

Rugged Steel Chassis

Heavy-duty design for unrivalled reliability and durability
Independent Frame Lock input and output loop
Quiet: 49dB average noise at 1m
Tally/GPI-O

Expandable for Larger Events

Up to 24 LiveCore™ chassis can be controlled to create huge video canvases with up 192 megapixels