NeXtage 16 - 4K
Ref. NXT1604-4K

ANALOG WAY®
Pioneer in Analog, Leader in Digital

Compact and cost-effective 4K seamless switcher. Perfect for live events and fixed installations demanding ease of use, flexibility and high-end video processing.

Compact and Reliable

NeXtage is the most compact and affordable chassis in the **LiveCore™** family. Designed around an extremely robust and reliable hardware platform, and with the same performance and core features as its larger siblings, the **NeXtage 16 - 4K** is ideal for professional live presentations and integrations that do not require the full capacity of the more powerful **LiveCore™** video processors.

Nimble and Powerful

Like all the products of the **LiveCore™** series, the **NeXtage 16 - 4K** offers flexibility through its support of different video standards (custom formats included) and its versatile connectivity. Featuring eight inputs, two PGM outputs, a dedicated Multiviewer output and two true-seamless scaled layers per output (on top of the live native background), the **NeXtage 16 - 4K** will adapt to a large variety of display configurations such as soft-edge projection, LED image wall or multi-screen applications.

Simple and Creative

The **NeXtage 16 - 4K** offers many advanced processing features that will allow you to create amazing live shows and impressive fixed installation: Cut and fill, alpha-channel support, Chroma and Luma key, true seamless switching on all layers as well as an intuitive web based user interface which will help unleash all your creative potential and get the best out of your **LiveCore™** video processors.

Up to **8** inputs

Up to **2** outputs

3U size

Up to **4K** 30Hz

Cut & Fill

Rotation

NeXtage 16 - 4K at a glance

▶ Versatile connectivity (8 seamless inputs and 42 input plugs)
▶ State-of-the-art, real-time 10 bit 4:4:4 processing
▶ True-seamless switching technology
▶ Advanced video effects for impressive visual shows
▶ User-friendly and intuitive Web-based graphic user interface
▶ Heavy-duty design for optimized uptimes in mission-critical use

	NeXtage 08 - 4K	NeXtage 16 - 4K
Layers per output	2	4

KEY FEATURES

- LiveCore™ platform
- Ruggedized and heavy-duty design
- Versatile connectivity (8 active inputs, 28 total input plugs)
- Input formats up to Dual Link 60hz 4:4:4 or 4k30hz 4:4:4 - supports Quad HD sources
- Output formats up to 4K 30Hz 4:4:4
- Seamless crossfade on all layers, on all 8 sources
- Rotation capability on all outputs
- Independent output rate
- Flying layer movement with programmable paths
- Multiple layer transition options
- Independent preview/mosaic/monitoring output
- Customization of monitoring layouts (8 presets)
- Intuitive drag and drop Web based GUI, cross platform compatible
- Live video thumbnails shown on GUI
- Collaborative architecture (up to 5 simultaneous operators)
- Single screen memories and master memories to easily recall looks on all your screens
- Creative display configurations (mixer, hard-edge, soft-edge)
- Custom output formats for non-standard display applications (10 memories)
- Custom Canvas mode allows you to place outputs anyway on your "video canvas" for special LED wall applications
- Area of Interest option to customize active areas of outputs
- Confidence monitor available for unused outputs
- Native background using still images or live sources
- Still images support alpha-channels for transparent background
- Cut and Fill (using two sources or a source and a still image)
- 49dB average noise at 1 meter when ambient temp is less than 32°C/90°F (quiet)
- Associative modularity (create a large system of LiveCore™ units all controlled from a Vertige™ or RCU)
- Sequencer for creating programmable timelines
- Remote services and maintenance
- HDCP compliant
- Swappable power supply

INPUTS

8 active inputs, 28 total input plugs

4x HDMI (2x HDMI up to 4k30hz included)

2x DisplayPort (up to 4k30hz)

6x DVI-I (2x DVI Dual-Link up to 2560x1600 included)

8x 3G/HD/SD-SDI

8x Universal Analog (6x HD15 & 6x DVI-A)

OUTPUTS

2 outputs with 5 plugs per output

4x Universal Analog (2x HD15 & 2x DVI-A)

2x 3G/HD/SD-SDI

1x DVI-I Dual-Link up to 2560x1600 (output #1)

1x DVI/HDMI 4K up to 4k30hz 4:4:4 (output #2)

2x SFP (Optical for SDI Fiber transmission)

MONITORING OUTPUT

1x Universal Analog (HD15 & DVI-A)

1x DVI-I

2x 3G/HD/SD-SDI

1x RGBs/RGsB/RGB/YPrBr/YC/comp analog output

Customizable labels

Up to 8 widgets

LAYERS

4 True-Seamless scaled layers per output

1 native background layer per output

Advance layer management

TRANSITIONS & EFFECTS

True A/B Mix

Borders: Edge, Smooth, Smooth Edge, Shadow…

Transitions: Cut, Fade, Slide, Wipe, Circle, Stretch, Depth, Flying window

Layer effects: Background Cut, Transparency, Luma/Chroma Key, DSK, H&V Flip, Cut and Fill

Colors effects: B&W, Negative, Sepia and Solarize

FRAMES & LOGOS

Up to 100 frame/logo memories - Fully resizable

Download/upload via Web RCS

Capture from live inputs

CONTROL

Web RCS: On-board intuitive web based user interface

Vertige™: Premium remote controller

Shot Box²/Control Box²: Cost effective presets control solutions

TCP protocol and AMX/Crestron drivers

AW VideoCompositor: Drag & drop Crestron® GUI

OTHER FEATURES

Tally/GPI-O

Independent Frame Lock input and output loop

EXPANDABILITY

Several chassis can be controlled from a Vertige™ or from RCU to create huge video canvases

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Dimension (in Rack Units - RU)
- 3RU

Dimensions (without rack ears and rear rack mount)
- W 17.32'' x H 5.23'' x D 20.47''
- L 440 mm x H 133 mm x P 520 mm

Dimensions (with handles)
- W 19'' x H 5.23'' x D 21.41''
- L 482.6 mm x H 133 mm x P 544 mm

Weight without accessories
- 15.2 kg / 33.50 lbs

Shipping weight accessories included
- 21.3 kg / 46.96 lbs

Operating conditions
- Temperature: 0 to 40°C (32 to 104°F)
- Humidity: 10% to 80%, non-condensing

Noise (@1,6m height @25°C)
- Front: 49 DBa@1m
- Rear: 50 DBa@1m

Thermal dissipation
- 785 BTU/hr

Warranty
3-year warranty on parts and labor back to factory

Power Supply
- 100-240 VAC 50/60Hz 8A swappable
- Max consumption: 230 W

Safety Compliance
- IEC/UL/EN 60950-1, CSA22.2#60950-1, UL Listed (US & Canada) File:E359143

Supplied with
- 1 x Power supply cord
- 1 x Web-based Remote Control Software
- 1 x Rackmount kit
- 1 x Ethernet cross cable (for device control)
- 1 x MCO 10 pin connector
- 1 x User manual (PDF)*
- 1 x Quick start guide including safety instructions*

ⓘ Specifications subject to change without prior notice