



Analog Way Ascender 16-4K

Cutting edge, solid state, multi-output 4K seamless switcher and videowall processor 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 Ascender 16 - 4K is a perfect fit for live events and system integration requiring the highest reliability and performance.



Physical

Size of unit fully extended	177mm x 482mm x 544mm
Item weight	18.5kg
Size of unit cased	720mm x 620mm x 820mm
Cased weight	76kg
Quantity in Case	1

Electrical

Rated Power	300W
Input Power	100-240 VAC 50/60Hz 8A swappable
Power connection	IEC

Mounting Options

Rackmounted
Lives on wheels with accessories

Parameters

Number of layers/PnP	2 True-Seamless scaled layers per output 1 native background layer per output
Preview	2x Universal Analog (HD15 & DVI-A) 1x DVI-I 2x 3G/HD/SD-SDI 1x RGBs/RGB/RGB/YPrBr/YC/comp analog output ONLY 1 STREAM VIA MULTIPLE CONNECTORS
Still	Up to 100 frame/logo memories – Fully resizable

Inputs/Outputs

Number of inputs	12 active inputs, 42 total input plugs
Input Connector	6x HDMI (3x HDMI up to 4k30hz included) 3x DisplayPort (up to 4k30hz) 9x DVI-I (3x DVI Dual-Link up to 2560x1600 included) 12x 3G/HD/SD-SDI 12x Universal Analog (6x HD15 & 6x DVI-A)
Supported input resolutions	HDMI up to 4K@30Hz DisplayPort (up to 4K@30Hz) DVI Dual-Link up to 2560x1600 SDI up 3G/HD 1080p @60Hz
Number of outputs	4 outputs with 5 plugs per output
Type of Output	8x Universal Analog (4x HD15 & 4x DVI-A) 4x 3G/HD/SD-SDI 2x DVI-I Dual-Link up to 2560x1600 (output #1 and #3) 2x DVI/HDMI 4K up to 4k30hz 4:4:4 or up to 4k60hz 4:2:0 (output #2 and #4) 4x SFP (Optical for SDI Fiber transmission)
Supported output resolutions	1x 4K@60Hz or 2x 4K@30Hz or 4x HD 1080p @60Hz

Environmental

Max operating temperature	0 – 40°C
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Accessories

Network Switch
Keyboard
Mouse

Compatibility

Any input / resolution	480i @60Hz - 4K @30Hz
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Information Links

Manufacture link	Analog Way
Manual	Livecore™ User Manual
Layer Configurations	Horizontal display configurations with 4 outputs