INFINITY

Limitless Capabilities to Create an all-encompassing Data Wall

ideal for

Large displays, complex inputs

summary

Infinity controllers utilize a card/chassis. This allows for the optimal customization to any LED display system. By combining Infinity with Vanguard displays there is no need for expensive switcher/multi-window processors which will result in significant savings.

Ample input and output options guarantee that Infinity controllers can support an ideal data wall, exceeding the requirements of the most complex direct view LED system.

Infinity controllers can also be paired with the Vanguard LED VE4K encoder to enable dynamic screen sharing from a high volume of connected machines.

Three chassis sizes allow for the perfect configuration of inputs, outputs, and optimal functionality.

inputs

HDMI   DVI   DP   SDI   IP

special configurations

TAA CLASS compliant configuration

optional

- Light sensor for automatic brightness
- Multi-function card for various sensors
- Back-up power supply
- VE4K encoder

Chassis sizes

	Infinity 4 RU	
model name		
input	up to 4 cards, 16 channels	
output	up to 4 cards, 26 million pixels	
output windows	16 x 1080p	
dimensions	WIDTH	483mm (19")
	HEIGHT	177.8mm (7")
	DEPTH	406.1mm (16")
weight	12.5kg (27.5lbs)	

	Infinity 7 RU	
model name		
input	up to 8 cards, 32 channels	
output	up to 8 cards, 52 million pixels	
output windows	32 x 1080p	
dimensions	WIDTH	483mm (19")
	HEIGHT	276.8mm (10.9")
	DEPTH	406.1mm (16")
weight	19.3kg (42.5lbs)	

	Infinity 11 RU	
model name		
input	up to 16 cards, 64 channels	
output	up to 18 cards, 117 million pixels	
output windows	72 x 1080p	
dimensions	WIDTH	483mm (19")
	HEIGHT	488mm (19.2")
	DEPTH	475.2mm (18.7")
weight	38kg (83.8lbs)	

main board		
	2	genlock I/O
	1	RS-232 serial port
	1	USB 3.0
	1	Ethernet/LAN
	1	3D port

preview and monitoring		
	1	HDMI1.4 (2K)

Optional input/output cards

input cards		
	1	HDMI2.0 (4K)
	1	DP1.2 (4K)
	1	12GSDI (4K)
	1	HDMI2.0 (4K), 1 DP1.2 (4K)
	4	DL-DVI (2K)
	4	HDMI1.4 (2K)
	4	VGA (2K)
	2	VGA (2K), 2 CVBS
	4	3G-SDI (2K)
	2	RJ45 (4K)

output cards		
	8	1G RJ45
	10	1G RJ45
	4	5G RJ45
	2	10G fiber
	1	HDMI2.0 (4K)
	4	DL-DVI (2K)
	4	HDMI1.4 (2K)