



INFINITY ULTRA



Expansive capabilities with secure **command and control** in mind

ideal for

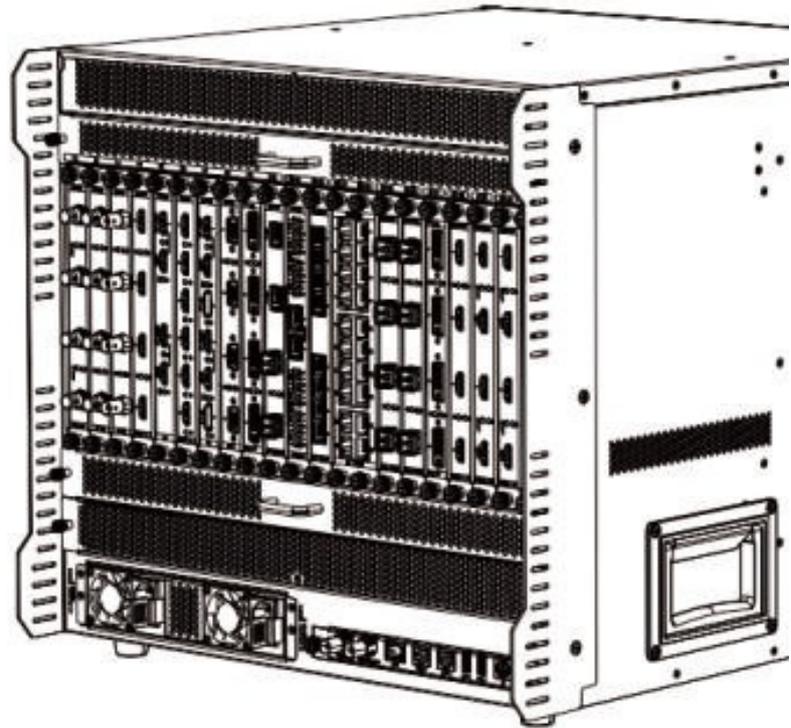
Command and control

summary

Vanguard LED is proud to announce our latest **next generation in video processing LED controllers**, the Infinity Ultra series. Available in three chassis sizes, 9, 15, and 20 RU, Infinity Ultra has expansive options input/output cards to support any application.

Infinity Ultra is managed entirely via a human-friendly and **intuitive web-based** interface enabling a diverse range of compatibility for the operating system of the control computer. The web interface enables easy configuration of a high volume of inputs as well as non-video source elements like background images, subtitles, and logos.

Infinity Ultra supports **dual 4K UltraHD preview and monitoring**. In combination with dynamic system health monitoring with email alert functionality, Infinity Ultra is the processing and control solution which exceeds the requirements of the most demanding applications like secure command and control centers. **Pair Infinity Ultra with the VE4K to centralize up to 160 workstations.**



inputs



special configurations



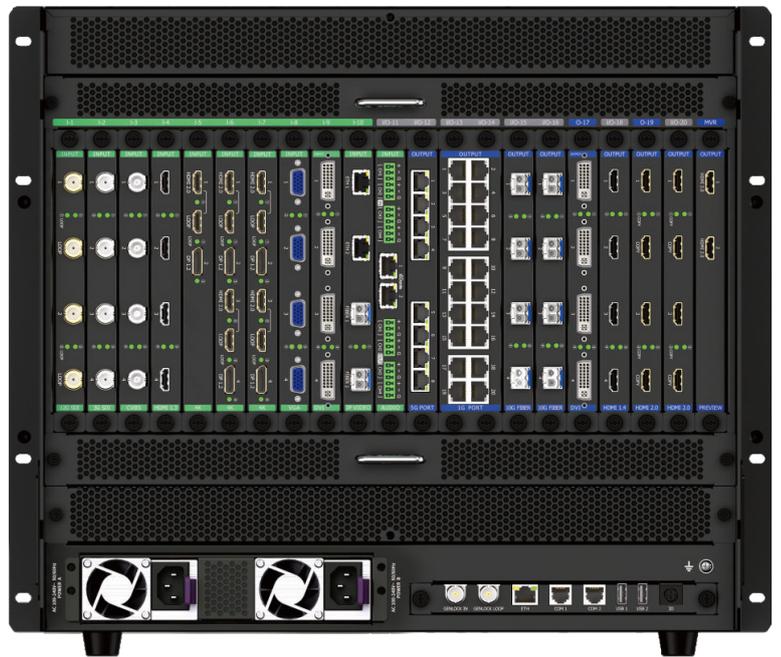
compatible control OS



optional

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

Chassis sizes



model name	Infinity ULTRA 9RU
input	up to 18 cards (20 total i/o slots)
output	up to 10 cards (20 total i/o slots)
output windows	160 x 2K or 40 x 4K (per controller) 16 x 2K or 4x x4K (per card)
dimensions	WIDTH 482.6mm (19") HEIGHT 399.3mm (15.7") DEPTH 535.2mm (21.1")
weight	27kg (59.5lbs)

- main board
 - 2 genlock I/O
 - 2 RJ11 RS-232
 - 2 USB 2.0
 - 1 Ethernet/LAN
 - 1 3D port

- preview and monitoring
 - 2 HDMI2.0 (4K)

model name	Infinity ULTRA 15RU
input	up to 30 cards (40 total i/o slots)
output	up to 20 cards (40 total i/o slots)
output windows	640 x 2K or 160 x 4K (per controller) 16 x 2K or 4x 4K (per card)
dimensions	WIDTH 482.6mm (19") HEIGHT 666mm (26.2") DEPTH 488.2mm (19.2")
weight	48.6kg (107.14lbs)

Optional input/output cards

- input cards
 - 2 HDMI2.0, 2 DP1.2
 - 1 HDMI2.0, 1 DP1.2
 - 2 12G SDI
 - 1 12G SDI
 - 4 3G SDI
 - 4 HDMI1.3
 - 6 HDMI 1.3
 - 4 VGA
 - 2 VGA, 2 CVBS
 - 4 AUDIO
 - 4 DVI
 - 4 CVBS

- output cards
 - 20 1G RJ45
 - 8 5G RJ45
 - 4 10G Fiber
 - 2 HDMI2.0
 - 1 HDMI2.0
 - 4 HDMI1.4
 - 6 HDMI1.3
 - 4 DVI



model name	Infinity ULTRA 20RU
input	up to 40 cards (60 total i/o slots)
output	up to 30 cards (60 total i/o slots)
output windows	960 x 2K or 240 x 4K (per controller) 16 x 2K or 4 x 4K (per card)
dimensions	WIDTH 482.6mm (19") HEIGHT 889mm (35") DEPTH 488.2mm (19.2")
weight	66.8kg (147.3lbs)