



***Rocket Science
Technologies***

INFINITA

GPU Based Video Wall Controller

Product Specifications

Data Sheet - v1.0 - 2025

Application: Highways, Smart Cities, Traffic Management & Command Control Centres

Technical Specifications

CPU	Intel Core i7 - 10th Gen or higher, ≥ 3.4 GHz (Quad Core or above)
RAM	16 GB DDR4 or higher (expandable to 32 GB)
Storage	2 x 500 GB SSD (RAID-1, hot-swap) for redundancy
GPU	Workstation graphics card with ≥4 outputs; DP 2560 x 1600 @ 60Hz; DVI 1920 x 1200 @ 60Hz; desktop up to 32,768 x 32,768 pixels
Video Inputs	DVI, DisplayPort, HDMI, VGA, Composite, RGB Analog; IP Streaming (RTSP, MPEG-2/4, H.265, MJPEG, V2D); Wireless input (via external device)
Video Outputs	≥ 4 multichannel outputs; UHD 4K (3840 x 2160), Full HD (1920 x 1080), down to 1024 x 768; multi-window layouts (2 x 2, 3 x 3, custom); independent resizing, positioning, layering
System Features	Windows 10 / Linux (64-bit); GUI-based management; hot backup (redundant PSU, RAID-1, GPU failover); auto calibration; synchronization across displays
Networking	2x Gigabit Ethernet ports; remote access via web & API integration
Physical & Electrical	19" rack-mountable (2U/4U); Dual redundant 230V AC, 50/60 Hz; ≤ 300 W power; Operating Temp: 0-45°C; Humidity: 20-80% non-condensing
Reliability	Designed for 24×7 operation; MTBF ≥ 100,000 hours; Local support in India, 24×7 service support

* Product information is subject to change without prior notice.