



# sureVue 3A

designed & built by **mediaVue**

## Unmatched Video Performance and Reliability Compact, Fanless Digital Signage Controller with ATI Graphics

Designed and built in the USA, **sureVue<sup>3A</sup>** is the only compact digital signage controller to combine fanless design with superior video performance. With integrated ATI graphics, **sureVue<sup>3A</sup>** delivers superior 3D performance and fully supports 16:9 formats and resolutions up to 1080p that are common in digital signage applications. **sureVue<sup>3A</sup>** can also support two displays operating at different resolutions and refresh rates.

Unlike commercial PC's that are designed for limited duty cycles in homes or offices and are built with cost-conscious consumer-grade components, **sureVue<sup>3A</sup>** is built with industrial-grade components such as more costly but far more reliable and durable polymer capacitors. **sureVue<sup>3A</sup>** eliminates fans and conventional mechanical hard drives that are the leading causes of PC failure. The result is a rugged system that delivers more than a 90% improvement in system reliability compared to commercial PC's while operating in demanding 24x365 service and in harsh environments up to 125°F / 50°C. Built with longevity components, **sureVue<sup>3A</sup>** also provides a stable operating platform for application images.

**sureVue<sup>3A</sup>** is completely silent, a distinct advantage in quiet environments such as waiting rooms and small offices. **sureVue<sup>3A</sup>** is small enough and light enough to be attached directly to the back of most popular flat panel displays, discretely wall-mounted or built into kiosk enclosures.

### **sureVue<sup>3A</sup>** superior graphics performance

- Dual display support at different resolutions and refresh rates
- Programmable video modes, full support of 16:9 resolutions through 1080p
- Superior hardware-based 3D rendering
- Hardware-based acceleration for H.264 playback

### **sureVue<sup>3A</sup>** unsurpassed reliability, flexibility and consistency

- Fanless design and ultra-reliable storage eliminate >90% of system failures
- Industrial-grade longevity components provide a reliable, stable platform
- Windows and Linux compatible
- Optional integrated WiFi, TV tuner, choice of CPU and storage options
- Optional Smart vehicle power supply
- Optional factory installation of custom images and private labeling

### **sureVue<sup>3A</sup>** environmental sensitivity

- Less than ½ the power consumption of standard PC's
- RoHS compliant
- Extensive use of recyclable materials - fully recyclable aluminum housing (67% of unit by weight), recyclable packaging materials

### **sureVue<sup>3A</sup>** global solution

- Designed and built in the USA. Supported globally.

### **sureVue<sup>3A</sup>** FRONT-PANEL CONNECTORS

- |                     |                           |                        |
|---------------------|---------------------------|------------------------|
| • DVI-I / VGA Sub D | • PS/2 x 2                | • TV in (optional)     |
| • 1 x RS-232        | • IEEE1394                | • S/PDIF digital audio |
| • USB2 x 4          | • WiFi antenna (optional) | OUT                    |
| • Gb LAN x 2        |                           |                        |

### **sureVue<sup>3A</sup>** specifications

**Video:** Maximum resolution 2048x1536 @ 32bpp

**CPU:** AMD Socket S1 with Hyper Transport™  
Single or dual core processors to 2.1 GHz.

**Chipset:** ATI M690E + SB600

**RAM:** Dual channel DDR2 800 MHz SDRAM, max capacity 4GB.

**Storage:** Continuous duty ruggedized HDD to 80 GB. Static wear-leveling SLC flash drive to 32 GB

**Audio:** Realtek ALC262 (HD Audio); HW 3D Stereo Enhancement

**Input Power:** 100-240 v. A/C (Power plugs region specific)

**Power Use:** 17w @ idle, 40w @ 50% load, 55w @ 100% load (standard player configuration)

**Watchdog Timer:** Software programmable, supports 1 ~255 sec. system reset

**Dimensions:** 8.5" x 8.2" x 2.8"  
(217 x 205 x 67 mm)  
(9.5" / 240mm including mounting flanges)

**Weight:** 3 lb. 8 oz. (1.59 kg.)

**Wi-Fi (optional):** 802.11b/g/n, 54 Mbps internal module with through-housing antenna mount

**TV Tuner (optional):** NTSC / PAL / ATSC / QAM HD TV. DVB-C / DVB-T / PAL G-B / SECAM