



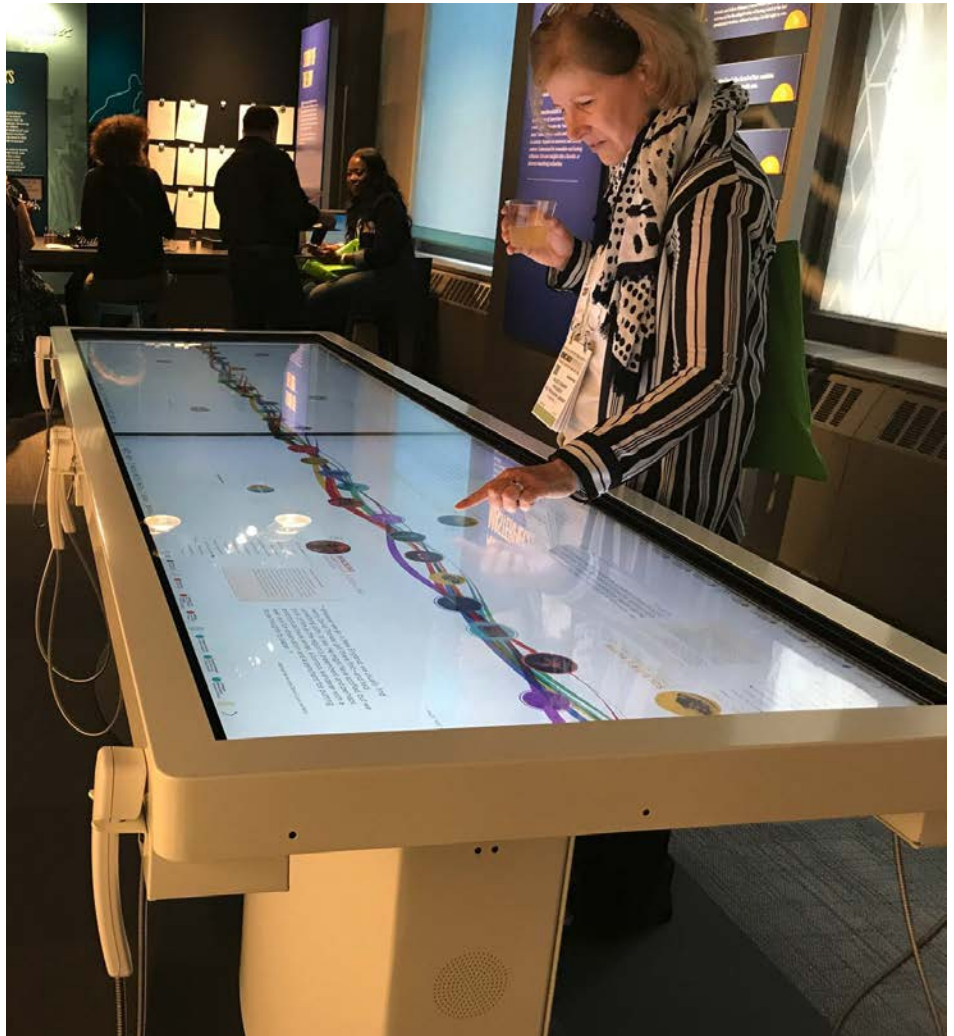
# Pano - Dual 55” Specifications Sheet



The Pano is an ultra-wide 100" multitouch table with dual 55" 4K Ultra HD LG commercial displays rated 24/7. The Pano supports 32 simultaneous touch points, while the contiguous dual UHD displays provide a unique 7680 x 2160 pixel surface. The Pano is equipped with a powerful integrated Intel™ 10th Gen Core processor, NVIDIA™ discrete graphics card, and push-button power.

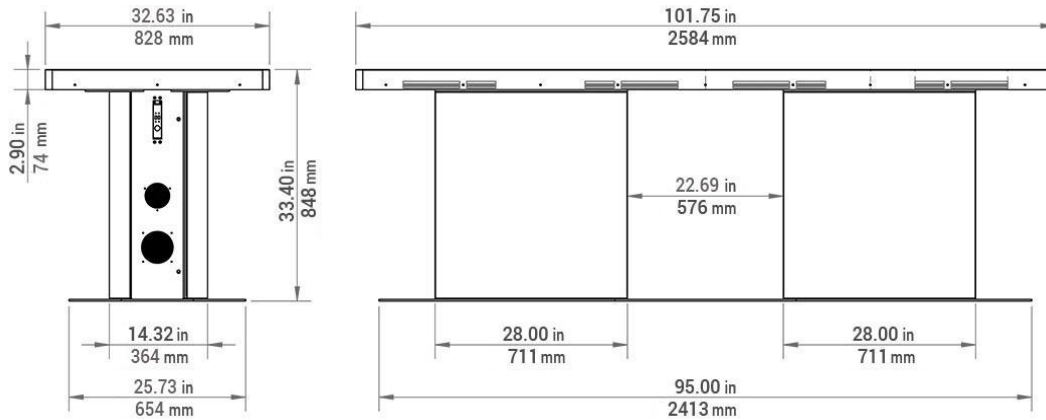


The Pano 100" touch table is built with aircraft-grade aluminum and covered with a durable powder coat. It has a lockable enclosure and is ready for demanding environments, including museums and other public spaces. The Pano can be found in the Hoover Dam Visitor Center, the Museum of Science and Industry, and Science World British Columbia, among others. All of Ideum's hardware is backed by a three-year warranty.



*The Pano 100" shown with optional audio stations and a custom color.*

100"	<b>WEIGHT</b> <b>460 LBS / 209 KG*</b>	<b>SHIP WEIGHT</b> <b>900 LBS / 408 KG*</b>
	<i>*Weights may vary slightly.</i>	



## Interactive Display

- 100" Panoramic Matrix (measured diagonally)
- Dual 55" 4K UHD Displays (7680x2160)
- IR solid-state multitouch system
- ±7 ms touch response time
- 32 simultaneous touch points
- Up to 200 FPS sample rate
- LG Commercial Display rated 24/7
- Continuous ultra-clear, low-iron, 5mm tempered glass surface
- Native contrast ratio 1000:1
- 500 nit (cd/m2) luminance

## Integrated System

- |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>▪ Single push-button power</li> <li>▪ Custom lockable enclosure</li> <li>▪ Windows 10</li> <li>▪ Universal 110-240V power system</li> <li>▪ 1000VA Uninterruptible Power Supply (North America only)</li> <li>▪ Stereo amplifier with two 90W Yamaha speakers</li> </ul> | <p><b>PANO</b></p> <ul style="list-style-type: none"> <li>▪ Intel 10th Gen Core i7-10700 processor</li> <li>▪ Quadro RTX 4000 8GB GDDR5 NVIDIA graphics card</li> <li>▪ Dual 250GB NVMe M.2 SSD with upgradable storage options</li> <li>▪ 32GB 2666MHz DDR4 RAM</li> </ul> | <p><b>PANO LAB</b></p> <ul style="list-style-type: none"> <li>▪ Intel X-Series Core i9-10900X Ten Core processor</li> <li>▪ Quadro RTX 4000 8GB GDDR5 NVIDIA graphics card</li> <li>▪ Dual 250GB NVMe M.2 SSD with upgradable storage options</li> <li>▪ 64GB 2666 MHz DDR4 RAM with upgradable additional RAM</li> <li>▪ Full ATX Motherboard with additional PCIe slots for customization options</li> </ul> |
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## Connectivity

- TPM/TPP compatible for secure environments
- WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
- RFID Reader
- Wireless keyboard with integrated trackpad
- Direct access via USB ports
- Audio output via 1/8" audio jack
- HDMI Output (PC)
- Communication hardware can be removed upon request for secure environments

# Customizations

## Colors and Finishes



Available in hundreds of RAL color and finish options. (1-2 weeks additional lead time.)

## Inset Casters



These sturdy and stylish mounted wheels make it easy to rearrange your space for maximum flexibility. (Note: caster styles may vary depending on model.)

# Software

Ideum uses innovative custom software to tell stories that evoke wonder and spark curiosity about the world around us. Our expertise in a broad range of programming environments allows our work to span the realms of informal and formal education, interactive technology, gaming, art, and entertainment.



## Multitouch Authoring

**Ideum multitouch products include a free lifetime license for GestureWorks 2 (upon request).**

GestureWorks 2 is a multitouch authoring solution that works with C++ and Unity3D. It has nine basic built-in gestures and supports hundreds more using the extensible Gesture Markup Language. Licenses include ticketed, timely support\* and free upgrades for life.

More information can be found at: [gestureworks.com](http://gestureworks.com)



## RFID Utility

**Ideum multitouch products include an RFID utility for enhanced functionality.**

Our new and improved RFID software allows you to automate system tasks, launch and switch applications, and more with a single movement. This useful utility is free for Ideum touch table owners.

Learn more at: [ideum.com/news/rfid-reader-app](http://ideum.com/news/rfid-reader-app)

*\*Support hours provide dedicated time to troubleshoot any issues that may pertain to our software. Four hours of support are included free. Support hours are valid for the first year of purchase only. Annual support packages can be purchased as needed at an additional price. However, the Pro and Site Licenses are lifetime licenses. Please see our License Agreement for full details: <http://gestureworks.com/legal>*



# EM Spectrum Exhibit Software

Ideum's EM Spectrum multiuser exhibit software was designed to run on Pano touch tables. This optional software package allows visitors to view both terrestrial and celestial objects across different wavelengths. All of the content was developed specifically for the application. Ideum worked with museum partners to locate appropriate images for the exhibit and collaborated on the content and text descriptions. The EM Spectrum exhibit appears in museums, planetariums, and other informal educational institutions around the world.



The EM Spectrum exhibit can comfortably support up to 8 people simultaneously. The standard version of the software is in English, but the application is designed to be multilingual. The exhibit can be purchased with a lifetime license. Preloaded on the Pano system, the EM Spectrum is a turnkey high-tech science exhibit. Learn more at:

[www.ideum.com/spectrum](http://www.ideum.com/spectrum)



# About Ideum

Ideum is a creative company based in Corrales, New Mexico, USA. We offer exhibit design, AV, and software development services to museums, nonprofits, and socially responsible companies. Please contact us at (505) 792-1110 ext.1 or toll-free in the US and Canada at (855) 898-6824, use our online [inquiry form](#), or email us at [sales@ideum.com](mailto:sales@ideum.com). We sell our multitouch tables and displays directly both in the United States and internationally.

## WARRANTY & SUPPORT

Our products are custom-built with only the highest quality components available and are designed to last. We back all of our hardware with a three-year warranty. The same people who design and build our systems provide our timely support.

Ticketing: [support.ideum.com](https://support.ideum.com)

Email: [support@ideum.com](mailto:support@ideum.com)

Phone: (505) 792-1110 ext. 2

Support Hours: 8:00 AM – 5:00 PM MST,  
Monday through Friday.

The Colossus, Pano, Pro, Platform, Drafting, Pico, Duet, and Inline touch tables and the Portrait and Presenter touch walls from Ideum are designed, manufactured, and made in the USA of U.S. and imported parts.



Compliant with height and reach requirements for the Americans with Disabilities Act standards for accessibility. Learn more about Ideum's commitment to accessibility at [www.ideum.com/ada](https://www.ideum.com/ada)

*IMPORTANT NOTICE TO PURCHASER: Specifications are subject to change without notice. Ideum hardware and software are warranted from the ship date to the period stated in the warranty. Please note that under Ideum's warranty, Ideum has no obligation for any hardware product that is modified or damaged through misuse, accident, neglect, or subsequent integration, service, or tampering, by anyone other than Ideum or an Ideum-approved entity or individual. Ideum makes no additional warranties, express or implied, including but not limited to any fitness for a particular purpose. The User is responsible for determining whether Ideum hardware products or software are fit for the User's particular purpose. If the hardware product or software are proven not to have met Ideum's warranty, then Ideum's sole obligation and User's and Purchaser's exclusive remedy, will be, at Ideum's option, to repair or replace the product or refund its purchase price. Ideum shall not be liable in any action against it in any way related to the hardware products or software for any loss or damages, whether non-specified, direct, indirect, special, incidental or consequential (including downtime, loss of profits or goodwill) regardless of the legal theory asserted. Please see our full warranty for complete details.*